

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
 Data File : BF139260.D
 Acq On : 05 Sep 2024 16:25
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5 ng
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 05 16:47:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	109695	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	394289	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	211459	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	390113	20.000	ng	0.00
76) Chrysene-d12	14.045	240	206848	20.000	ng	0.00
86) Perylene-d12	15.521	264	183712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	751746	114.643	ng	0.00
7) Phenol-d6	6.510	99	982044	112.184	ng	0.00
23) Nitrobenzene-d5	7.445	82	640224	84.472	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218884	119.872	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1166295	85.139	ng	0.00
79) Terphenyl-d14	12.998	244	1052215	82.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	18672	6.115	ng	97
3) Pyridine	3.457	79	40815	5.537	ng	99
4) n-Nitrosodimethylamine	3.369	42	27573	5.760	ng	97
6) Aniline	6.545	93	57471	7.139	ng	98
8) 2-Chlorophenol	6.669	128	42072	6.191	ng	83
9) Benzaldehyde	6.434	77	38487	7.263	ng	98
10) Phenol	6.522	94	59016	6.391	ng	# 68
11) bis(2-Chloroethyl)ether	6.622	93	40781	6.165	ng	99
12) 1,3-Dichlorobenzene	6.828	146	46783	6.082	ng	98
13) 1,4-Dichlorobenzene	6.904	146	47343	6.149	ng	98
14) 1,2-Dichlorobenzene	7.057	146	43432	6.048	ng	98
15) Benzyl Alcohol	7.022	79	48816	7.647	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	81332	6.459	ng	100
17) 2-Methylphenol	7.128	107	34410	6.199	ng	97
18) Hexachloroethane	7.398	117	16333	5.940	ng	97
19) n-Nitroso-di-n-propyla...	7.286	70	31914	6.330	ng	96
20) 3+4-Methylphenols	7.281	107	43787	6.259	ng	96
22) Acetophenone	7.286	105	61664	6.565	ng	99
24) Nitrobenzene	7.463	77	49081	6.101	ng	98
25) Isophorone	7.698	82	82319	6.353	ng	99
26) 2-Nitrophenol	7.781	139	18553	5.872	ng	99
27) 2,4-Dimethylphenol	7.816	122	28740	6.378	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	48162	6.239	ng	98
29) 2,4-Dichlorophenol	8.016	162	33985	6.299	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	37498	6.085	ng	96
31) Naphthalene	8.192	128	127549	6.388	ng	99
32) Benzoic acid	7.863	122	13335	3.249	ng	94
33) 4-Chloroaniline	8.233	127	46927	6.788	ng	99
34) Hexachlorobutadiene	8.310	225	22955	5.879	ng	98
35) Caprolactam	8.563	113	9521	5.700	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	35591	6.054	ng	96
37) 2-Methylnaphthalene	8.880	142	79898	6.396	ng	98
38) 1-Methylnaphthalene	8.980	142	74989	6.103	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	39226	6.557	ng	99
41) Hexachlorocyclopentadiene	9.033	237	12510	6.506	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	23290	5.950	ng	98

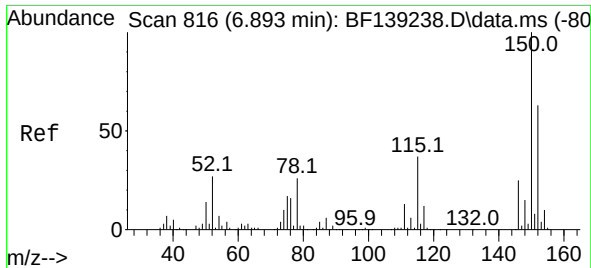
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
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 QLast Update : Wed Sep 04 16:11:43 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	24143	5.886	ng	100
46) 1,1'-Biphenyl	9.345	154	107921	6.888	ng	99
47) 2-Chloronaphthalene	9.369	162	73519	6.215	ng	99
48) 2-Nitroaniline	9.463	65	23987	5.887	ng	99
49) Acenaphthylene	9.786	152	124351	6.979	ng	99
50) Dimethylphthalate	9.639	163	81316	6.345	ng	99
51) 2,6-Dinitrotoluene	9.698	165	16923	5.820	ng	97
52) Acenaphthene	9.957	154	72950	6.173	ng	97
53) 3-Nitroaniline	9.869	138	19175	6.190	ng	99
54) 2,4-Dinitrophenol	9.975	184	2518	9.023	ng	# 48
55) Dibenzofuran	10.127	168	114327	6.748	ng	98
56) 4-Nitrophenol	10.016	139	10972	4.799	ng	99
57) 2,4-Dinitrotoluene	10.098	165	21037	5.685	ng	99
58) Fluorene	10.469	166	87229	6.640	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	19861	6.151	ng	# 95
60) Diethylphthalate	10.339	149	80456	6.379	ng	98
61) 4-Chlorophenyl-phenylether	10.463	204	42215	6.664	ng	99
62) 4-Nitroaniline	10.474	138	16965	5.753	ng	97
63) Azobenzene	10.622	77	85719	6.448	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	5787	3.210	ng	96
66) n-Nitrosodiphenylamine	10.580	169	74562	6.566	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	23741	6.272	ng	94
68) Hexachlorobenzene	11.016	284	26698	6.162	ng	99
69) Atrazine	11.104	200	19808	7.561	ng	94
70) Pentachlorophenol	11.210	266	9125	3.646	ng	94
71) Phenanthrene	11.433	178	119525	6.559	ng	99
72) Anthracene	11.486	178	120504	6.769	ng	99
73) Carbazole	11.639	167	105074	6.315	ng	99
74) Di-n-butylphthalate	11.968	149	102110	5.993	ng	99
75) Fluoranthene	12.621	202	117605	6.437	ng	99
77) Benzidine	12.745	184	31944	7.670	ng	96
78) Pyrene	12.851	202	122797	6.145	ng	99
80) Butylbenzylphthalate	13.468	149	26408	5.614	ng	99
81) Benzo(a)anthracene	14.033	228	82337	6.234	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	20951	5.973	ng	95
83) Chrysene	14.068	228	79710	6.466	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	26694	4.835	ng	99
85) Di-n-octyl phthalate	14.645	149	34118	3.228	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.992	276	51731	4.507	ng	99
88) Benzo(b)fluoranthene	15.086	252	56139	5.306	ng	99
89) Benzo(k)fluoranthene	15.115	252	64935	6.845	ng	97
90) Benzo(a)pyrene	15.457	252	53527	5.958	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	40924	4.327	ng	100
92) Benzo(g,h,i)perylene	17.433	276	41735	4.275	ng	97

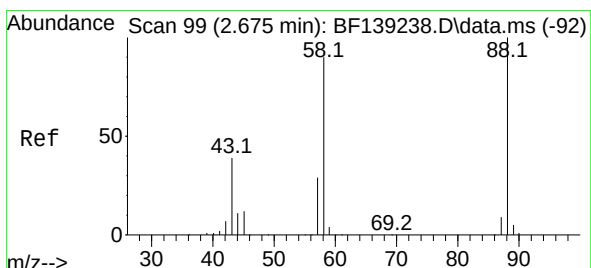
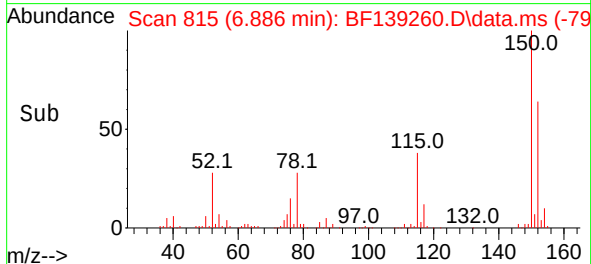
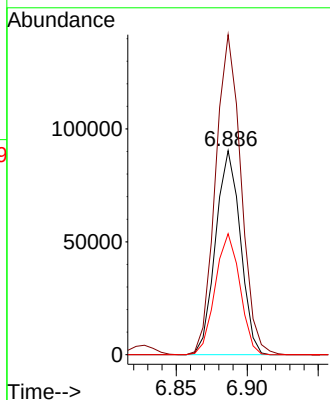
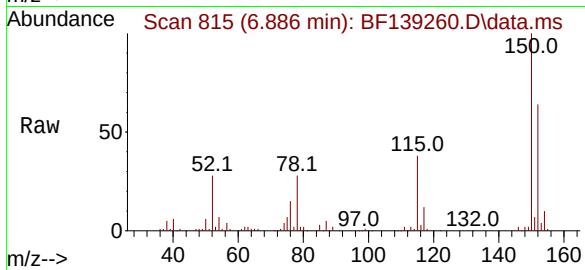
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.007 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

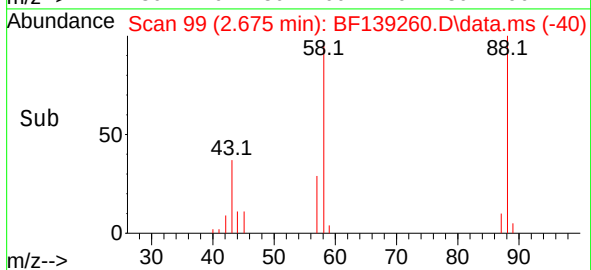
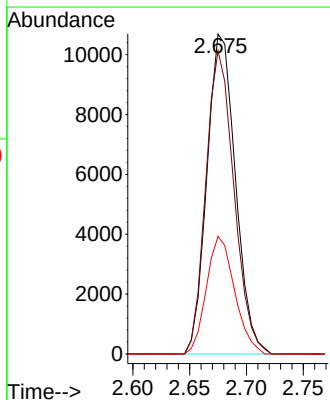
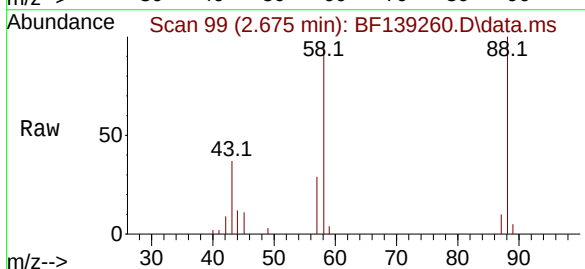
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

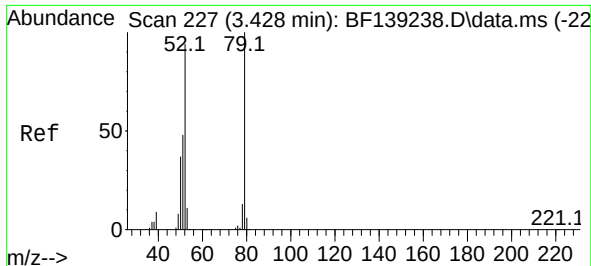
Tgt Ion:152 Resp: 109695
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 59.3 46.9 70.3



#2
1,4-Dioxane
Concen: 6.115 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion: 88 Resp: 18672
Ion Ratio Lower Upper
88 100
58 93.3 72.5 108.7
43 36.3 31.4 47.2





#3

Pyridine

Concen: 5.537 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

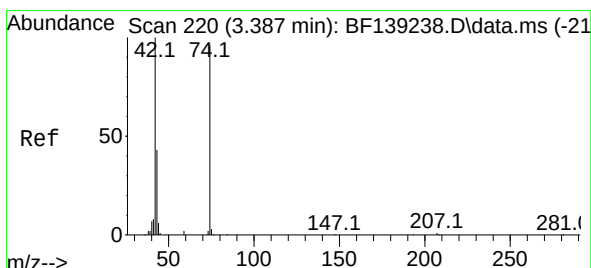
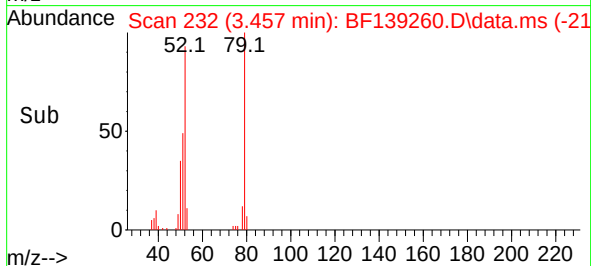
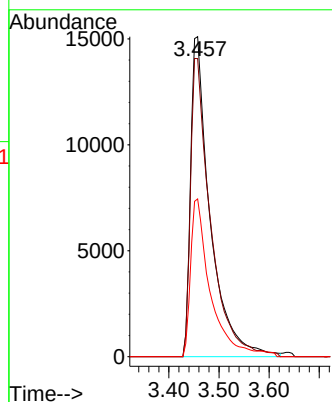
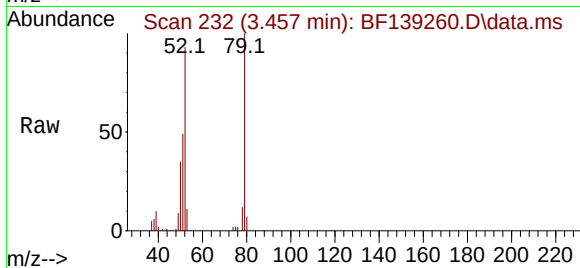
Tgt Ion: 79 Resp: 40815

Ion Ratio Lower Upper

79 100

52 93.2 75.3 112.9

51 49.3 38.2 57.2



#4

n-Nitrosodimethylamine

Concen: 5.760 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

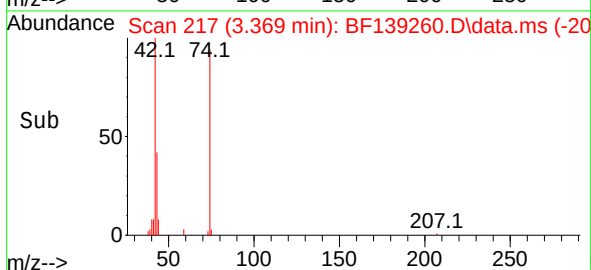
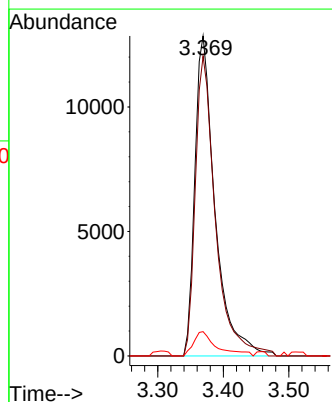
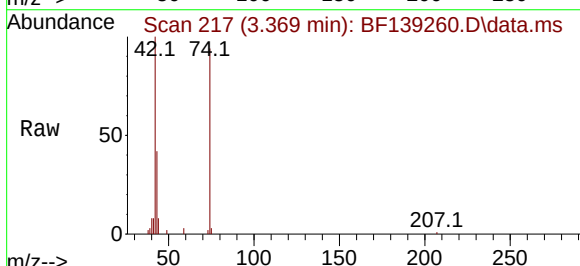
Tgt Ion: 42 Resp: 27573

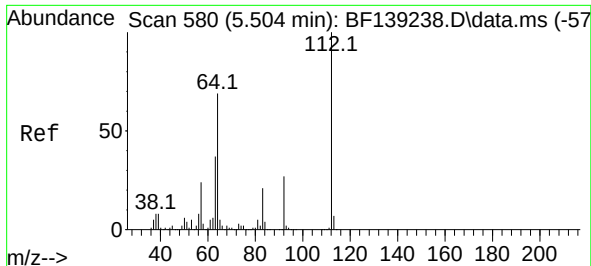
Ion Ratio Lower Upper

42 100

74 93.7 77.2 115.8

44 7.6 5.1 7.7

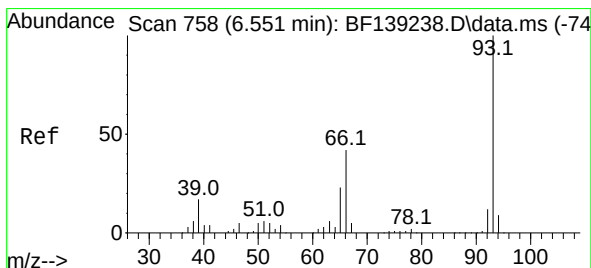
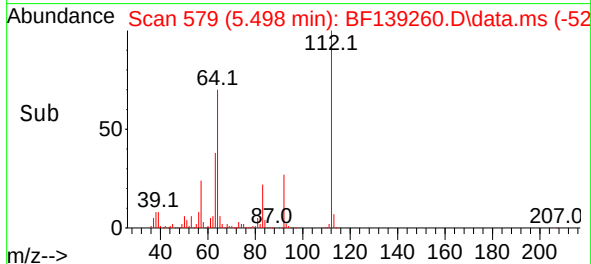
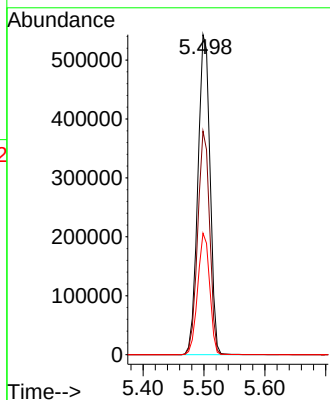
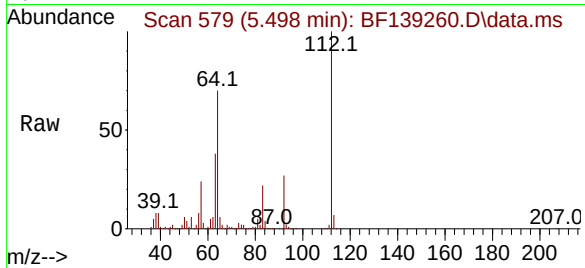




#5
2-Fluorophenol
Concen: 114.643 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

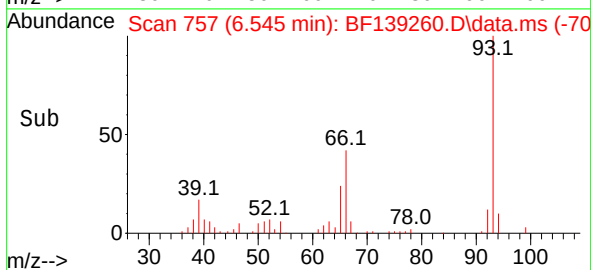
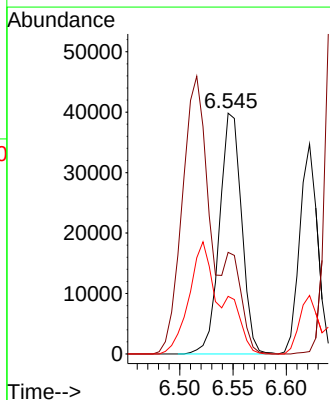
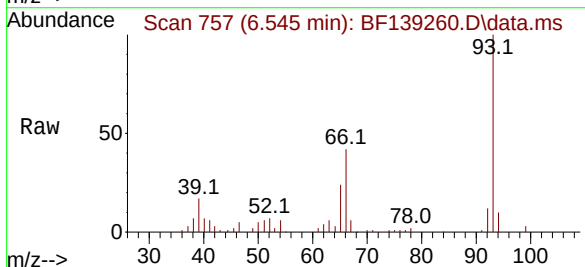
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

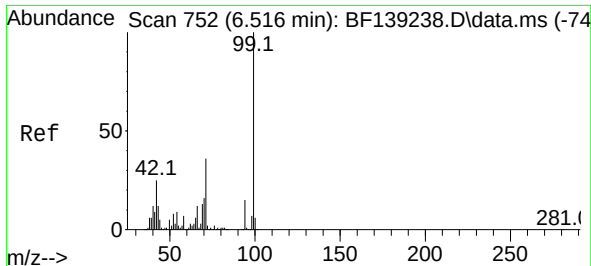
Tgt Ion:112 Resp: 751746
Ion Ratio Lower Upper
112 100
64 69.8 55.0 82.4
63 38.0 29.9 44.9



#6
Aniline
Concen: 7.139 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion: 93 Resp: 57471
Ion Ratio Lower Upper
93 100
66 42.2 34.4 51.6
65 23.9 18.2 27.4





#7

Phenol-d6

Concen: 112.184 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

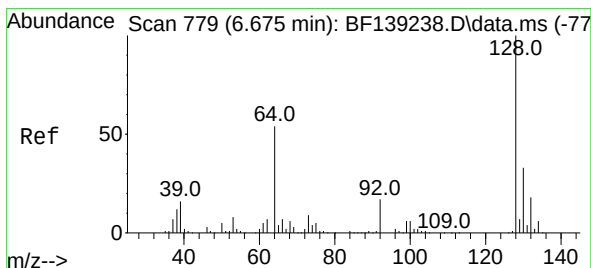
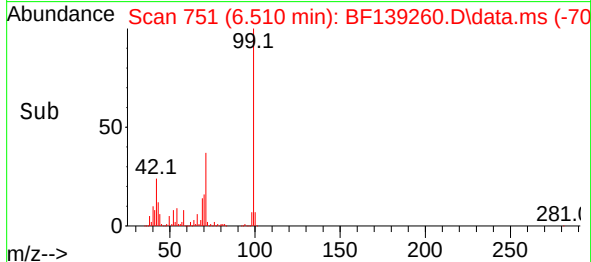
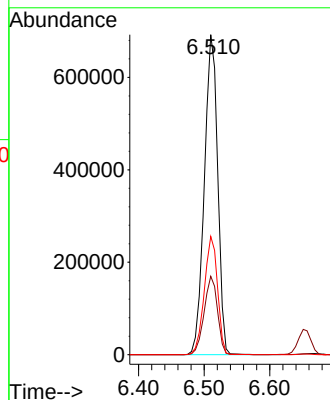
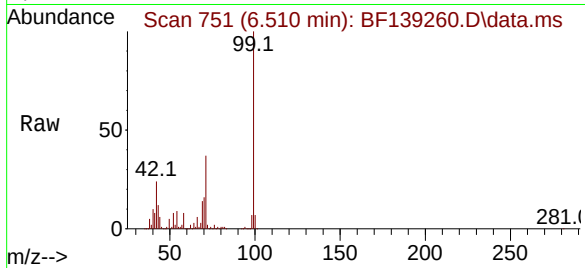
Tgt Ion: 99 Resp: 982044

Ion Ratio Lower Upper

99 100

42 24.5 19.8 29.6

71 37.0 28.8 43.2



#8

2-Chlorophenol

Concen: 6.191 ng

RT: 6.669 min Scan# 778

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

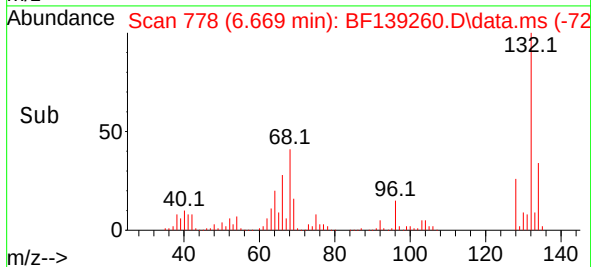
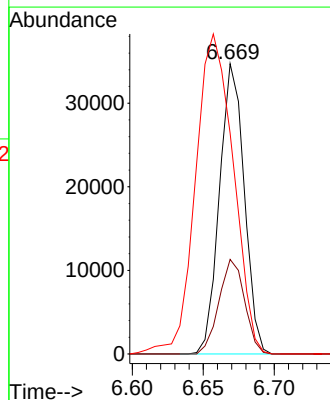
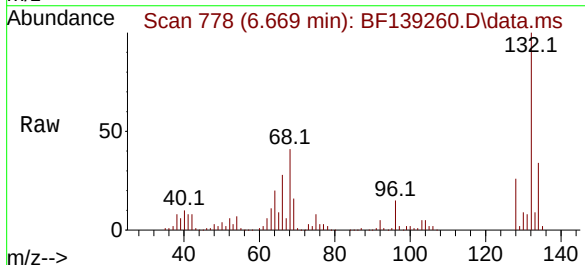
Tgt Ion:128 Resp: 42072

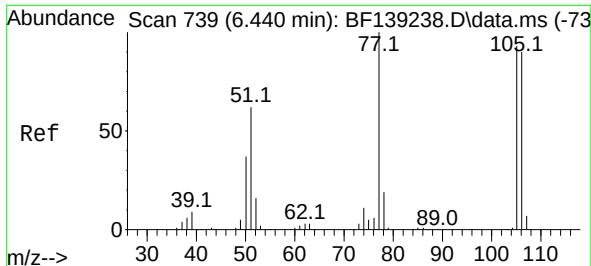
Ion Ratio Lower Upper

128 100

130 32.6 12.7 52.7

64 76.1 36.6 76.6





#9

Benzaldehyde

Concen: 7.263 ng

RT: 6.434 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

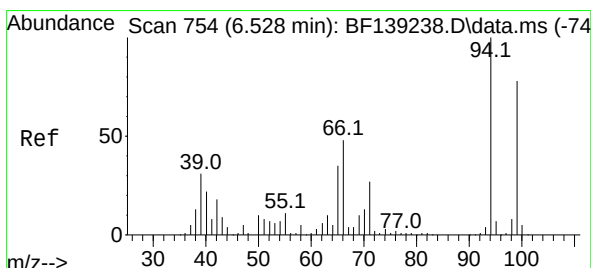
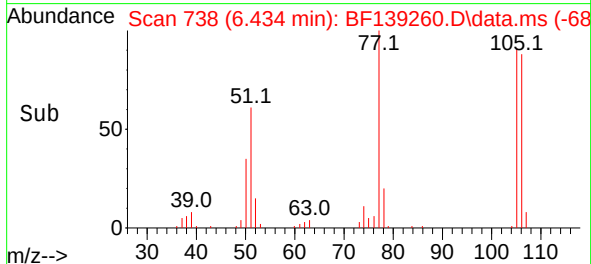
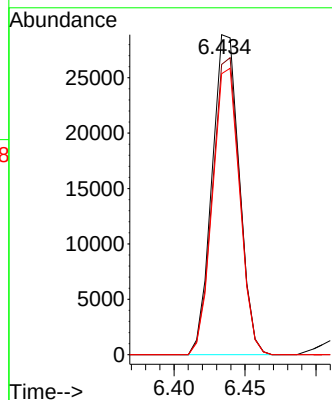
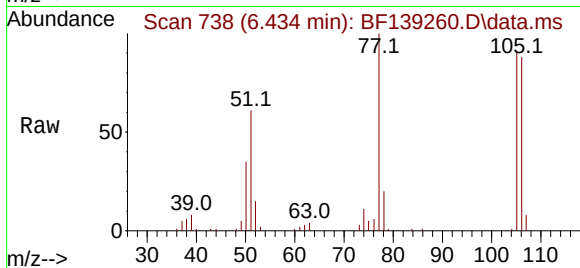
Tgt Ion: 77 Resp: 38487

Ion Ratio Lower Upper

77 100

105 90.7 72.9 112.9

106 87.8 69.6 109.6



#10

Phenol

Concen: 6.391 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

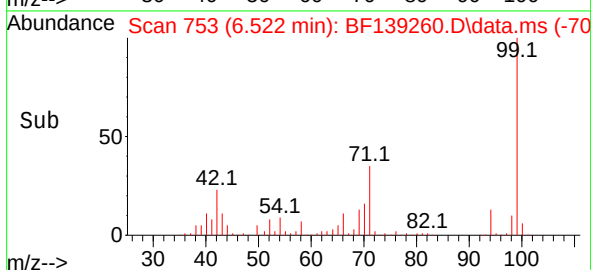
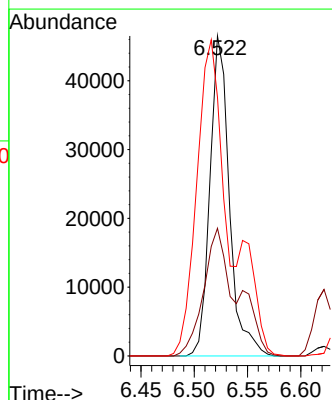
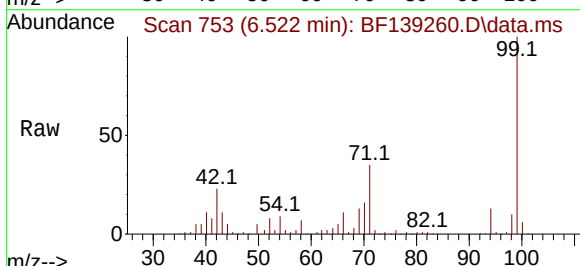
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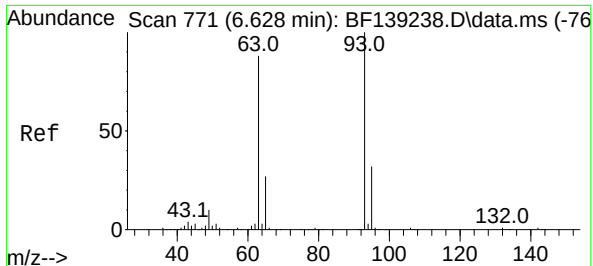
Ion Ratio Lower Upper

94 100

65 39.9 14.7 54.7

66 80.8 28.5 68.5#





#11

bis(2-Chloroethyl)ether

Concen: 6.165 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

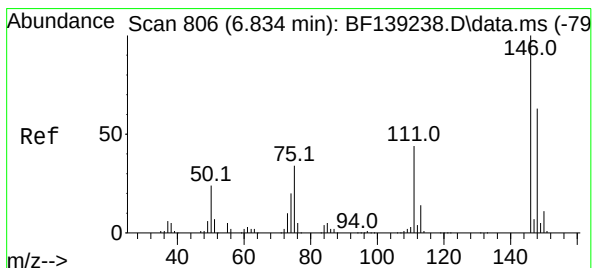
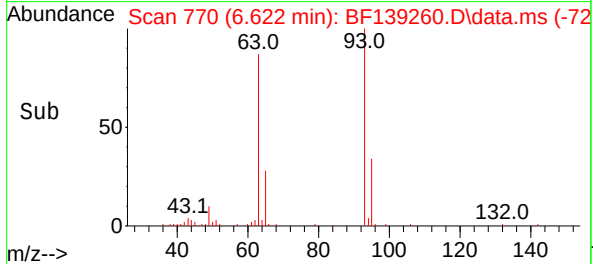
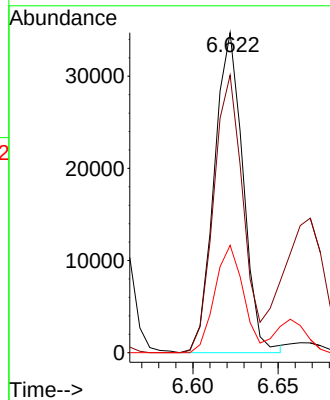
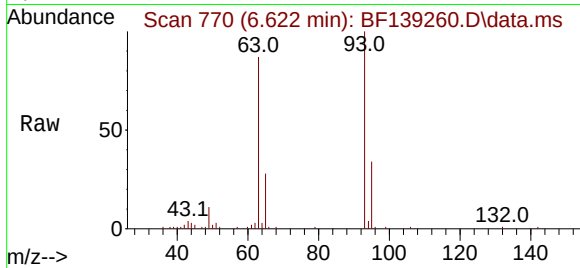
Tgt Ion: 93 Resp: 40781

Ion Ratio Lower Upper

93 100

63 86.8 67.1 107.1

95 33.6 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 6.082 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

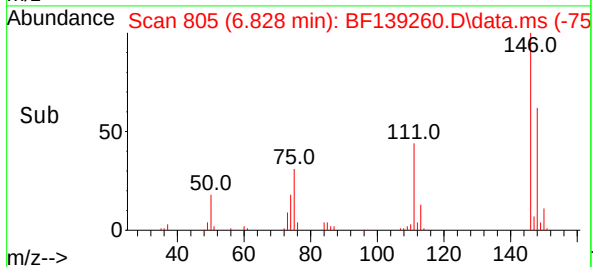
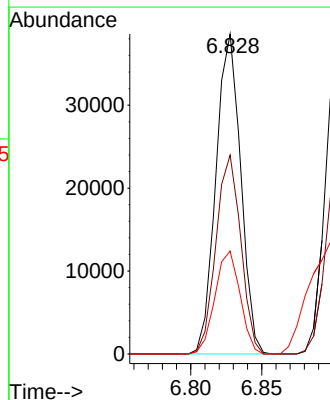
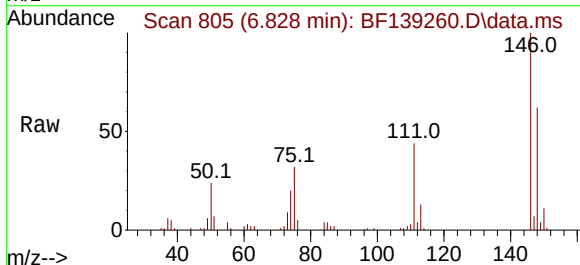
Tgt Ion:146 Resp: 46783

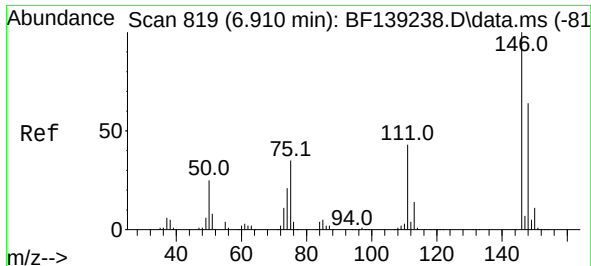
Ion Ratio Lower Upper

146 100

148 62.2 50.8 76.2

75 32.1 27.3 40.9

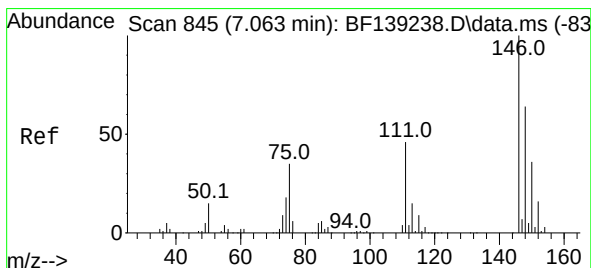
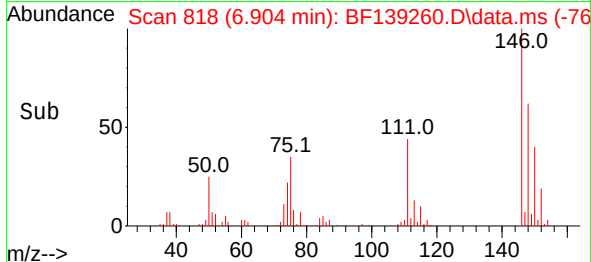
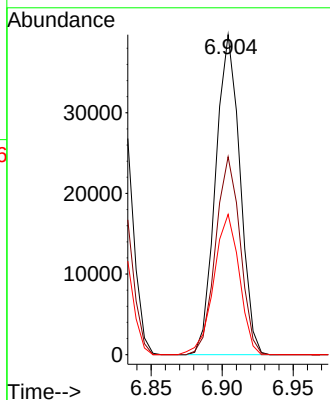
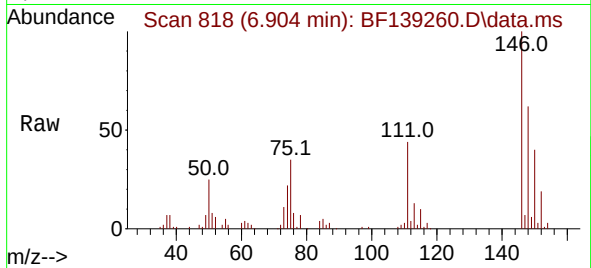




#13
1,4-Dichlorobenzene
Concen: 6.149 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

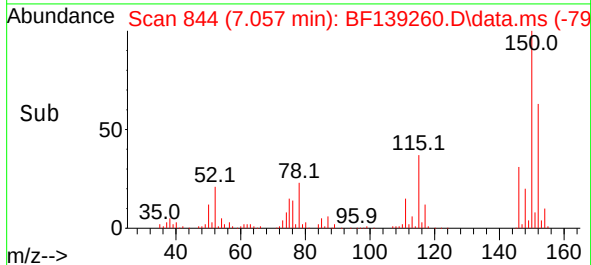
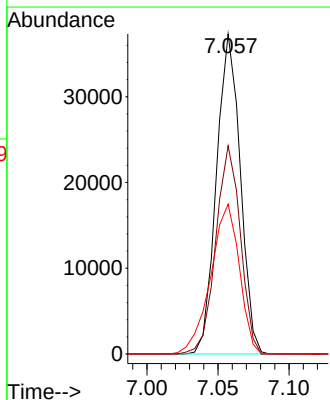
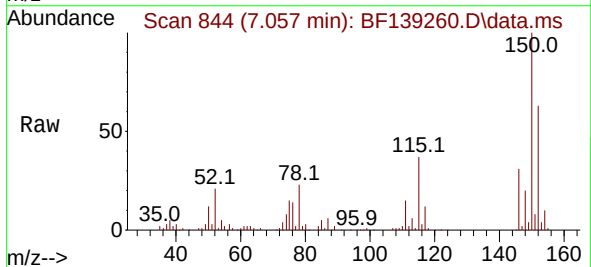
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

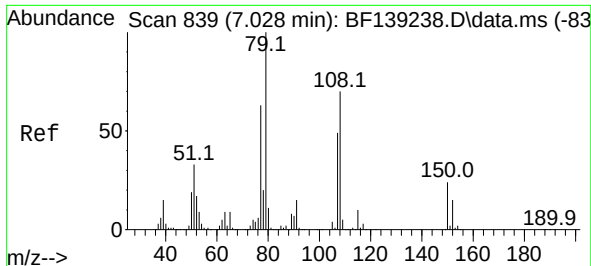
Tgt Ion:146 Resp: 47343
Ion Ratio Lower Upper
146 100
148 61.8 51.2 76.8
111 43.9 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 6.048 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:146 Resp: 43432
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
111 46.8 36.6 55.0

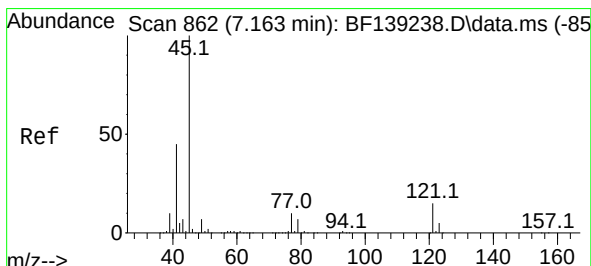
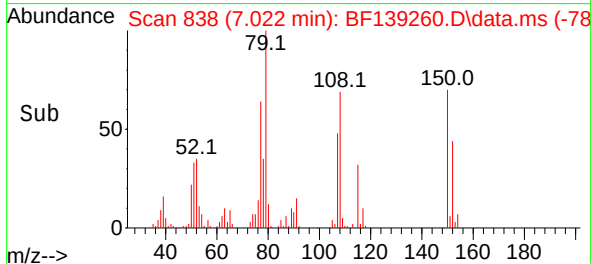
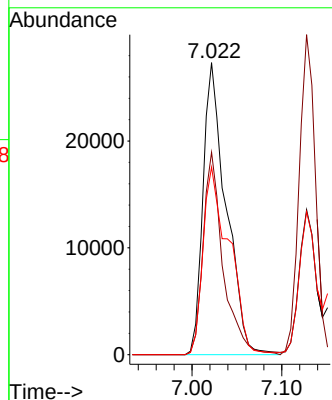
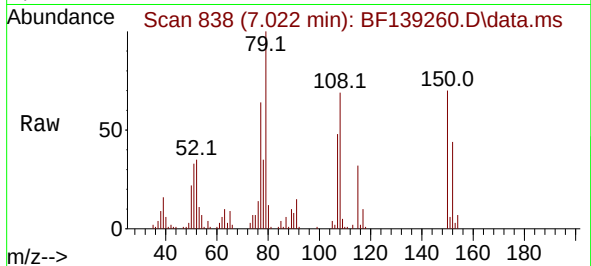




#15
Benzyl Alcohol
Concen: 7.647 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

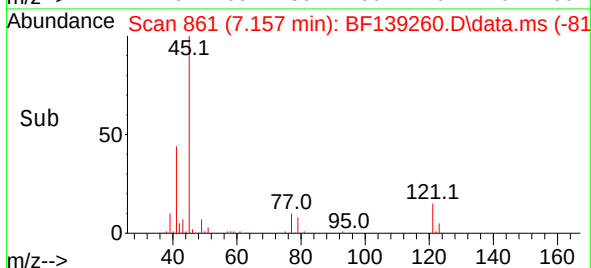
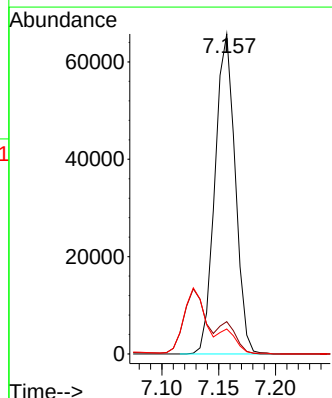
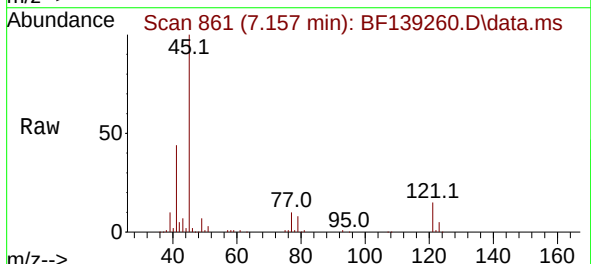
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

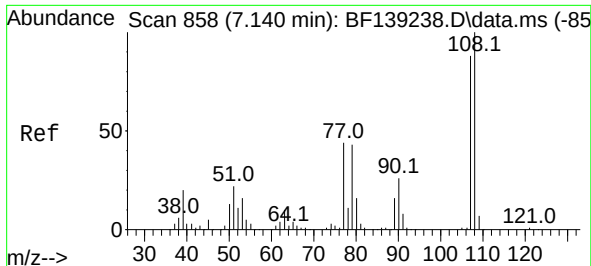
Tgt Ion: 79 Resp: 48816
Ion Ratio Lower Upper
79 100
108 69.3 56.1 84.1
77 64.2 50.6 76.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 6.459 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion: 45 Resp: 81332
Ion Ratio Lower Upper
45 100
77 10.1 0.0 30.0
79 7.8 0.0 27.6

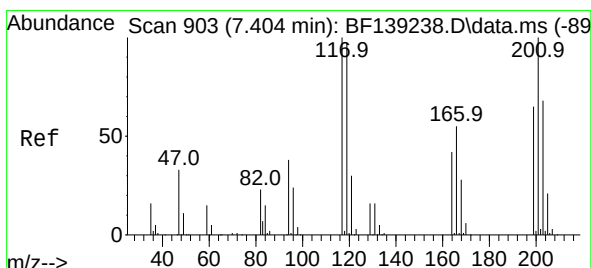
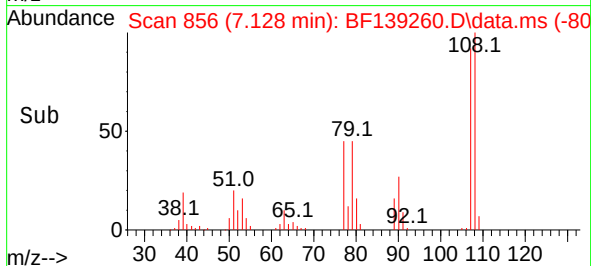
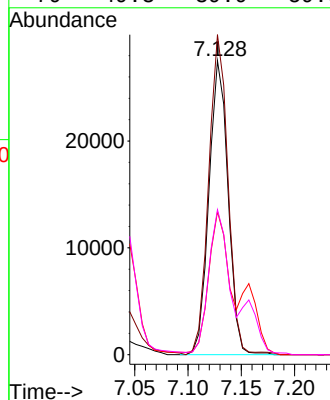
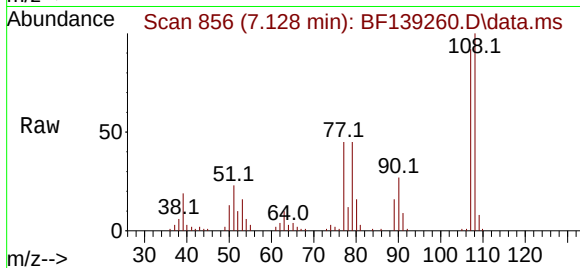




#17
2-Methylphenol
Concen: 6.199 ng
RT: 7.128 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

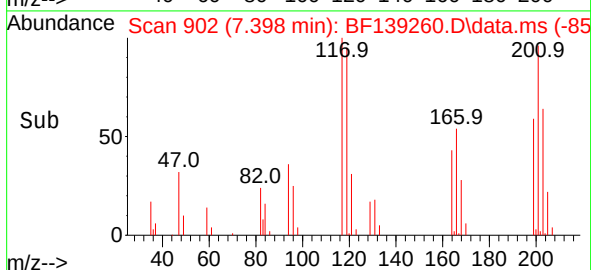
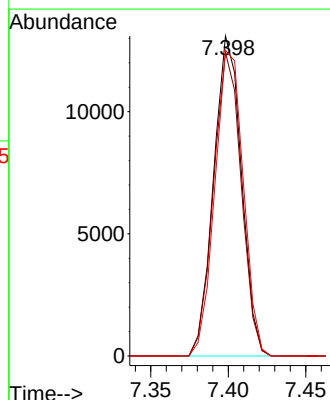
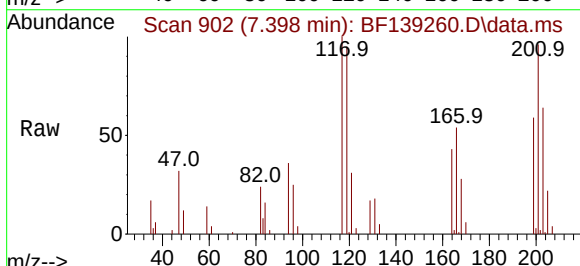
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

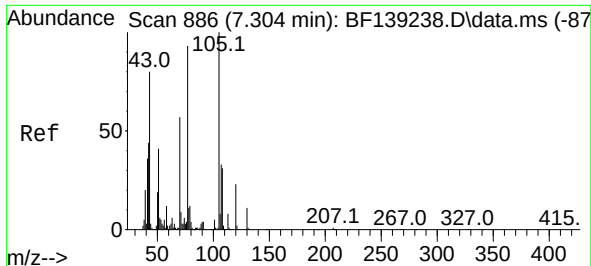
Tgt Ion:	107	Resp:	34410
Ion	Ratio	Lower	Upper
107	100		
108	108.9	91.4	137.2
77	48.6	40.1	60.1
79	49.3	39.9	59.9



#18
Hexachloroethane
Concen: 5.940 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:	117	Resp:	16333
Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.4	116.2
201	95.5	80.0	120.0





#19

n-Nitroso-di-n-propylamine

Concen: 6.330 ng

RT: 7.286 min Scan# 886

Delta R.T. -0.018 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 70 Resp: 31914

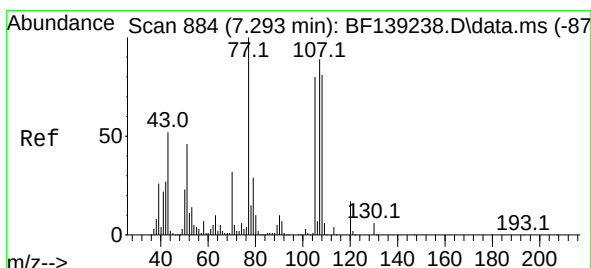
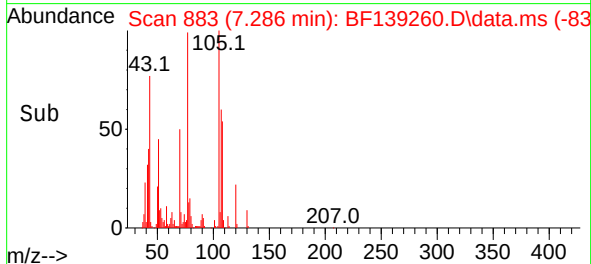
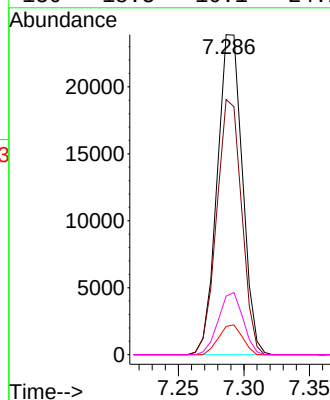
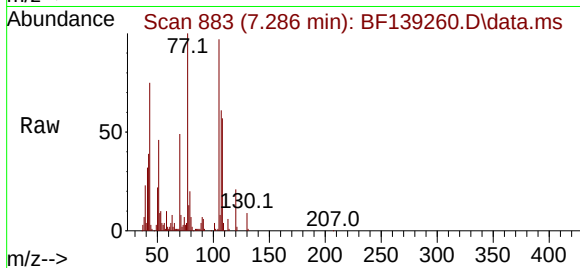
Ion Ratio Lower Upper

70 100

42 79.7 61.0 91.6

101 8.9 7.2 10.8

130 18.3 16.1 24.1



#20

3+4-Methylphenols

Concen: 6.259 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Tgt Ion: 107 Resp: 43787

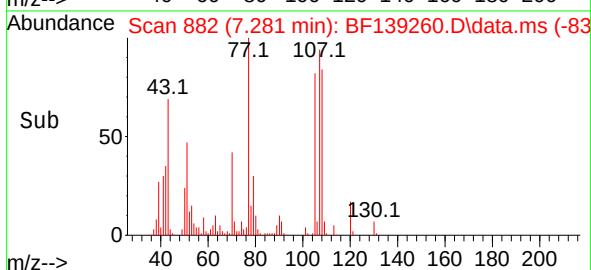
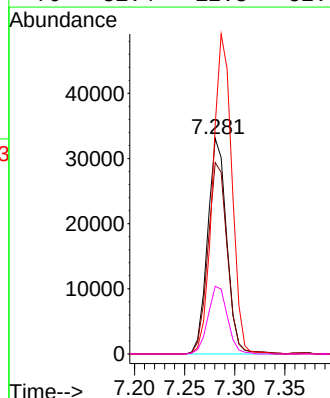
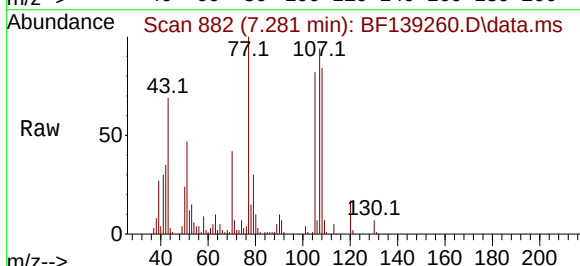
Ion Ratio Lower Upper

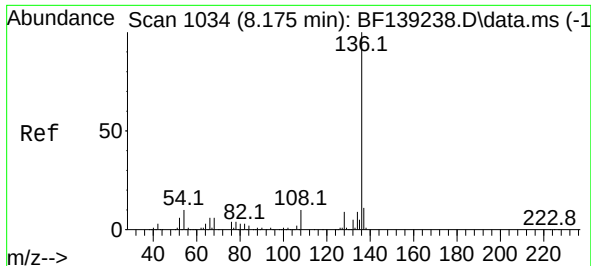
107 100

108 88.9 70.4 110.4

77 106.3 92.2 132.2

79 31.4 12.8 52.8

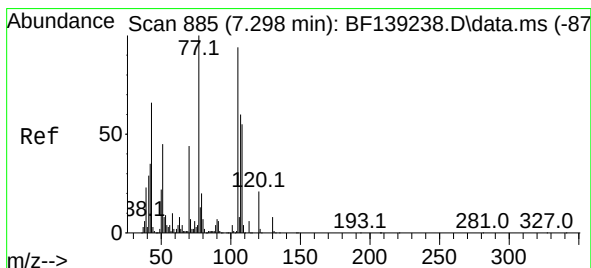
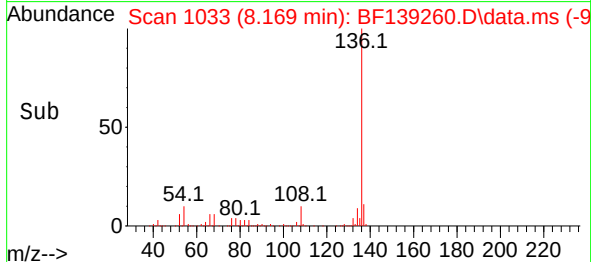
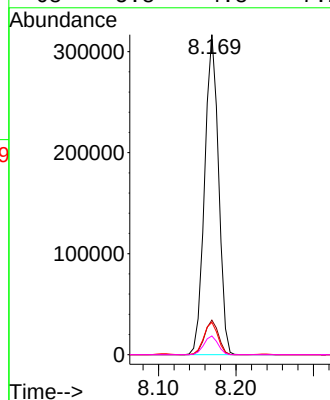
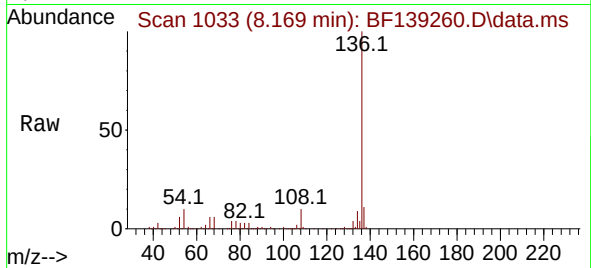




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

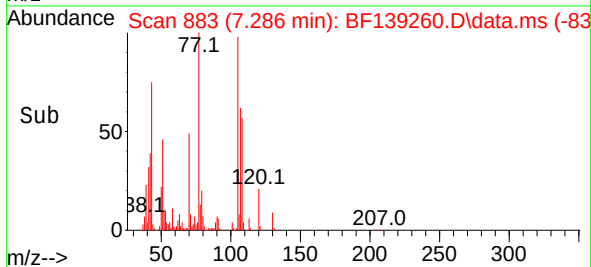
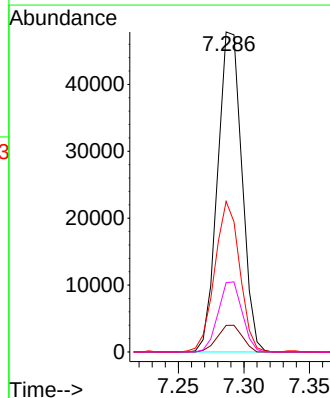
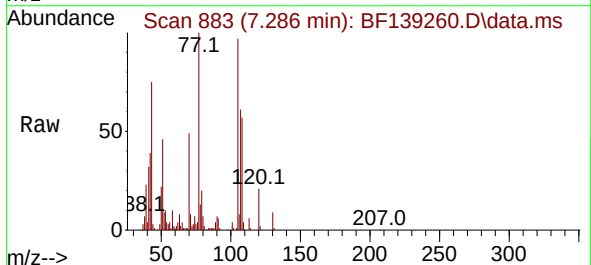
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

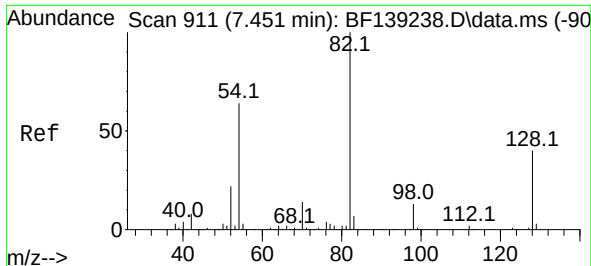
Tgt Ion:136	Resp:	394289	
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.1	8.4	12.6
68	5.8	4.8	7.2



#22
Acetophenone
Concen: 6.565 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt	Ion:105	Resp:	61664
Ion	Ratio	Lower	Upper
105	100		
71	8.3	6.2	9.2
51	47.1	38.2	57.2
120	21.6	17.7	26.5





#23

Nitrobenzene-d5

Concen: 84.472 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

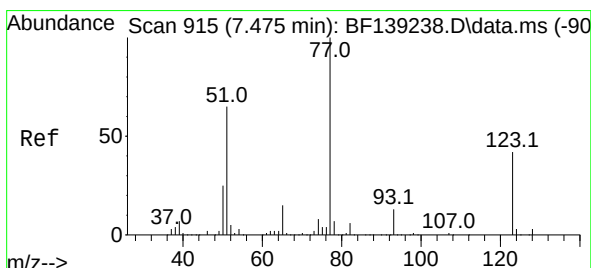
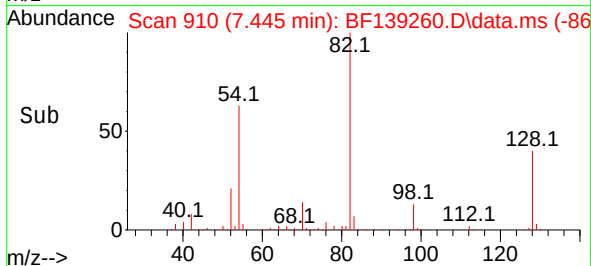
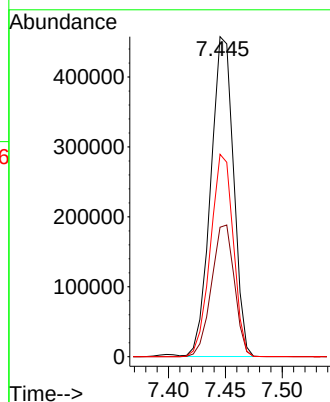
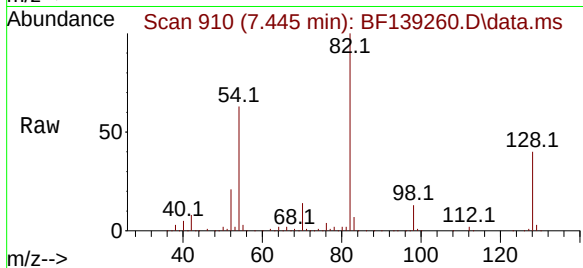
Tgt Ion: 82 Resp: 640224

Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

54 63.2 51.2 76.8



#24

Nitrobenzene

Concen: 6.101 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

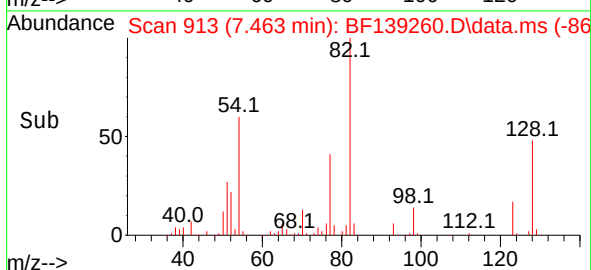
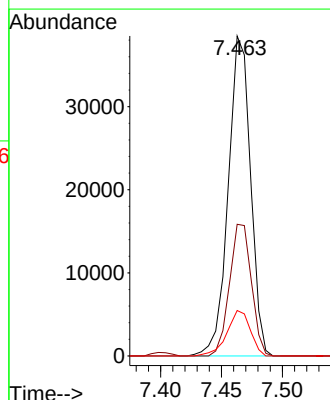
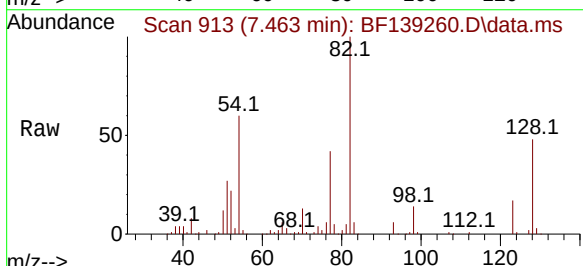
Tgt Ion: 77 Resp: 49081

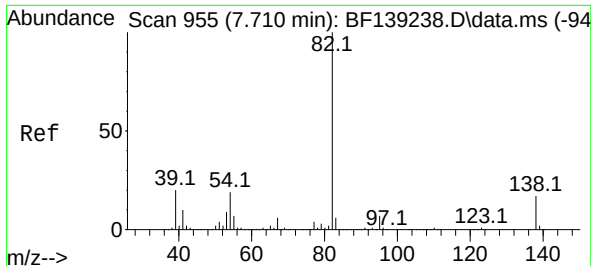
Ion Ratio Lower Upper

77 100

123 41.2 34.0 51.0

65 14.2 12.1 18.1

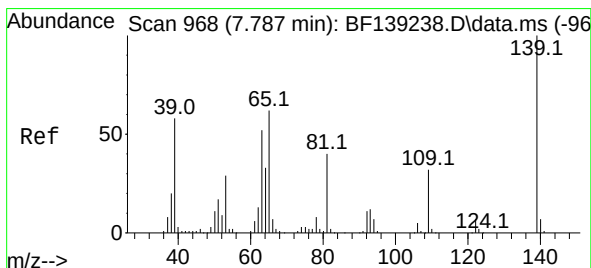
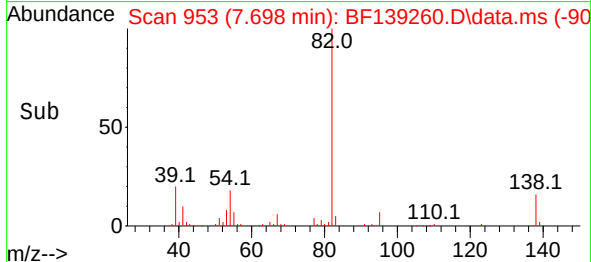
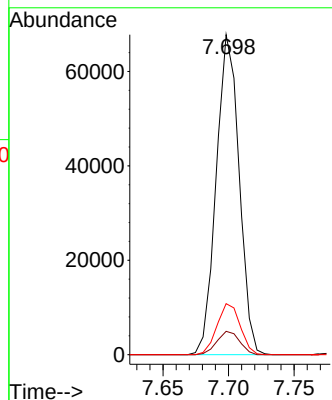
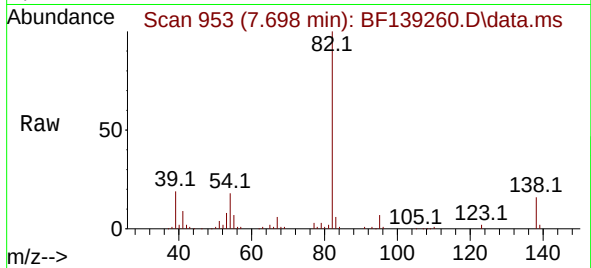




#25
Isophorone
Concen: 6.353 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

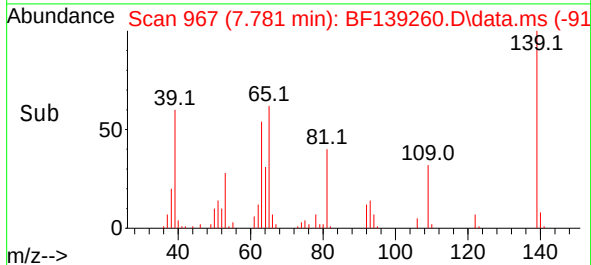
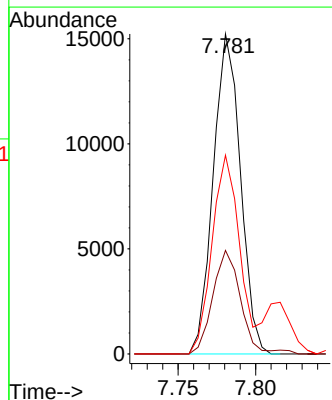
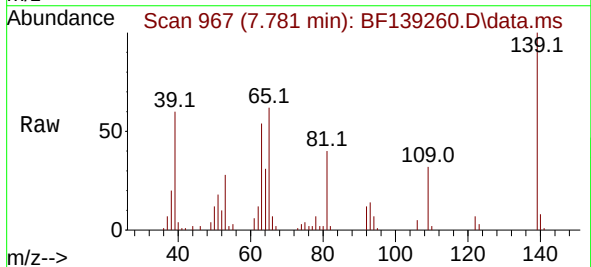
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

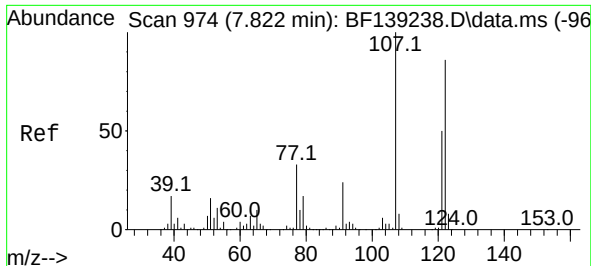
Tgt Ion: 82 Resp: 82319
Ion Ratio Lower Upper
82 100
95 7.3 6.0 9.0
138 15.9 13.4 20.0



#26
2-Nitrophenol
Concen: 5.872 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:139 Resp: 18553
Ion Ratio Lower Upper
139 100
109 32.3 25.4 38.2
65 62.1 49.4 74.2

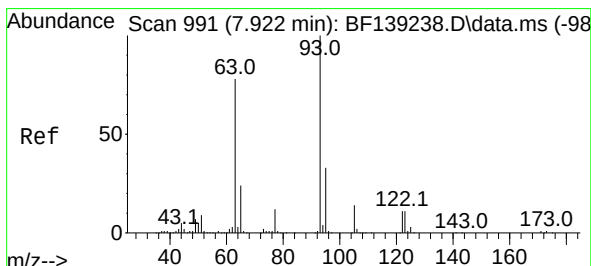
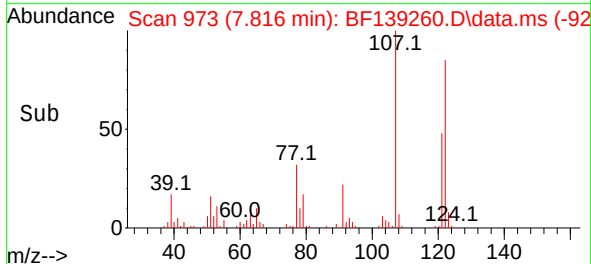
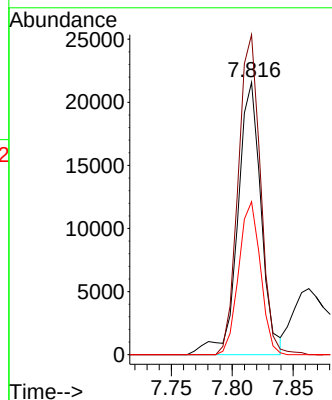
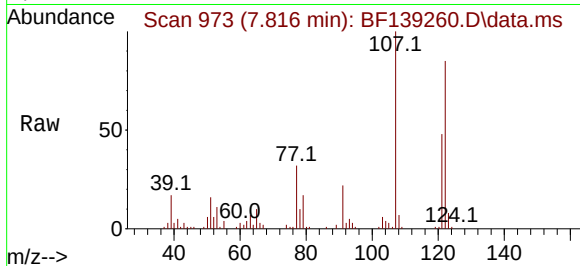




#27
2,4-Dimethylphenol
Concen: 6.378 ng
RT: 7.816 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

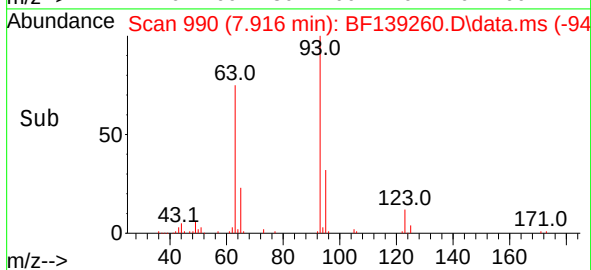
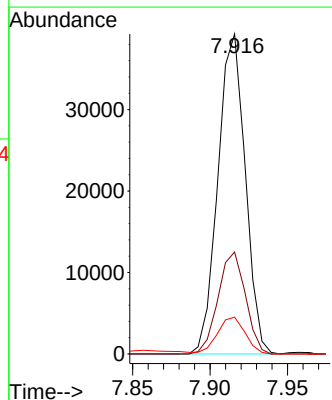
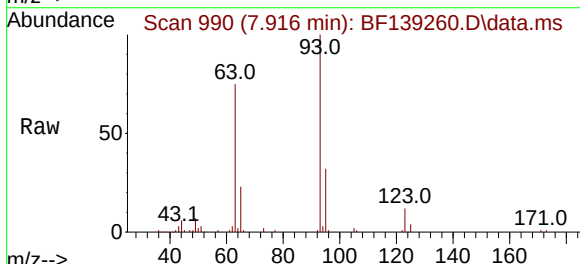
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

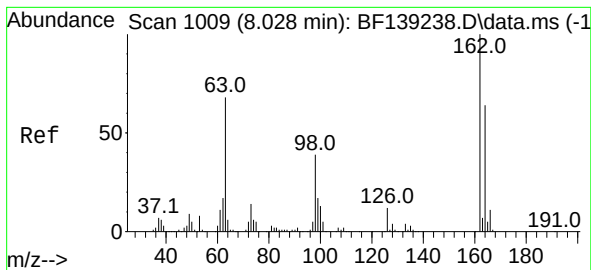
Tgt Ion:122 Resp: 28740
Ion Ratio Lower Upper
122 100
107 117.5 93.4 140.2
121 56.2 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.239 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion: 93 Resp: 48162
Ion Ratio Lower Upper
93 100
95 31.8 26.6 40.0
123 11.5 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 6.299 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

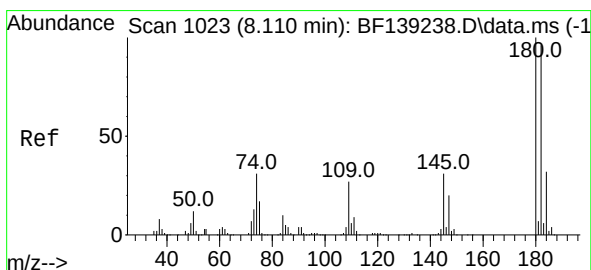
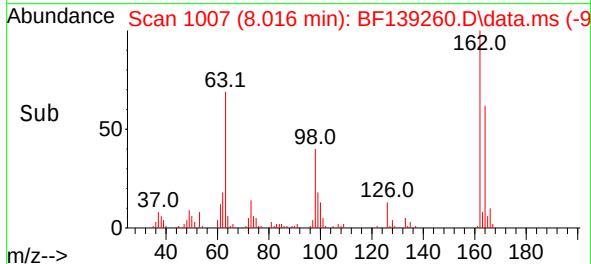
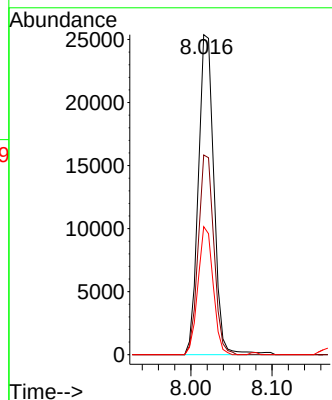
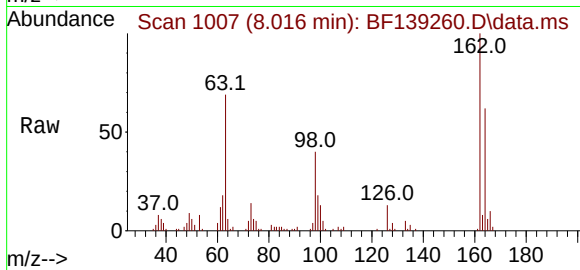
Tgt Ion:162 Resp: 33985

Ion Ratio Lower Upper

162 100

164 62.4 43.6 83.6

98 40.0 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 6.085 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

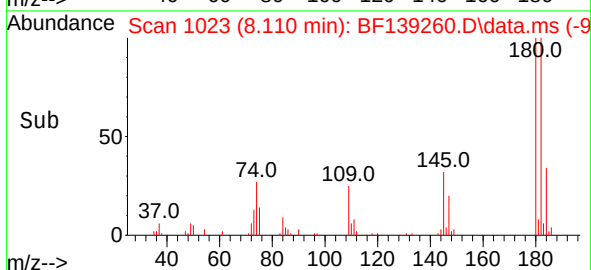
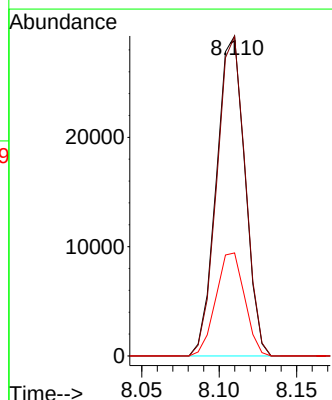
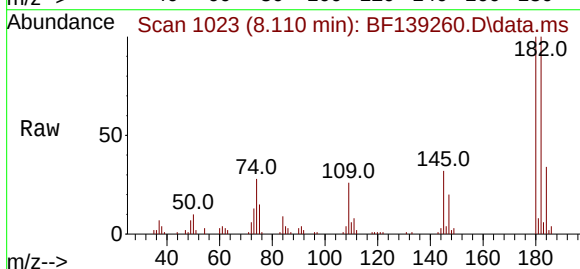
Tgt Ion:180 Resp: 37498

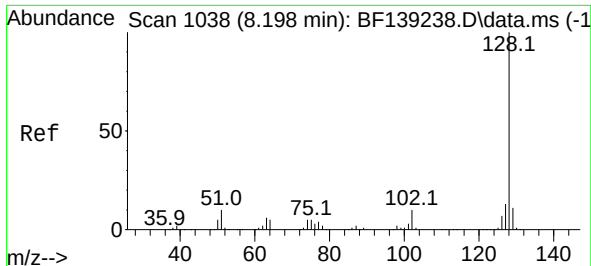
Ion Ratio Lower Upper

180 100

182 99.9 76.5 114.7

145 32.2 25.1 37.7





#31

Naphthalene

Concen: 6.388 ng

RT: 8.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

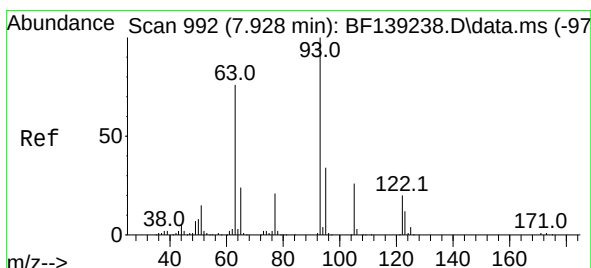
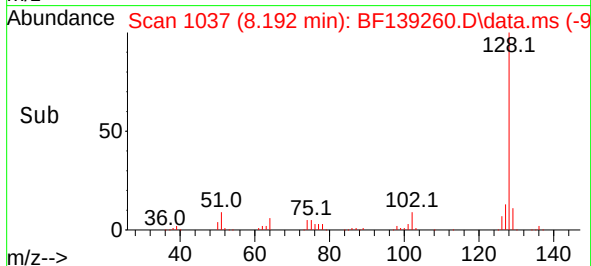
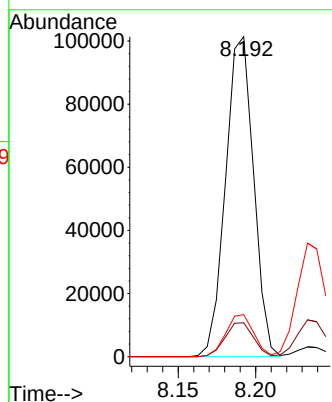
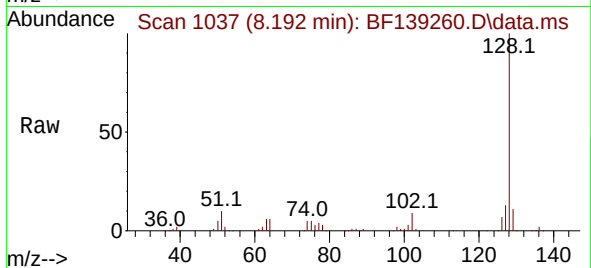
Tgt Ion:128 Resp: 127549

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 13.1 10.6 15.8



#32

Benzoic acid

Concen: 3.249 ng

RT: 7.863 min Scan# 981

Delta R.T. -0.065 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

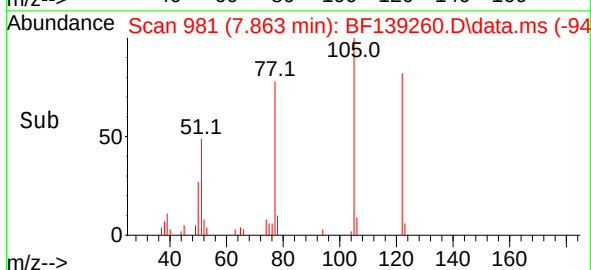
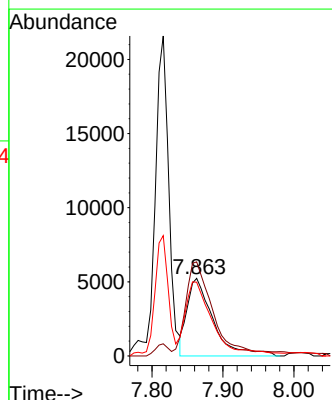
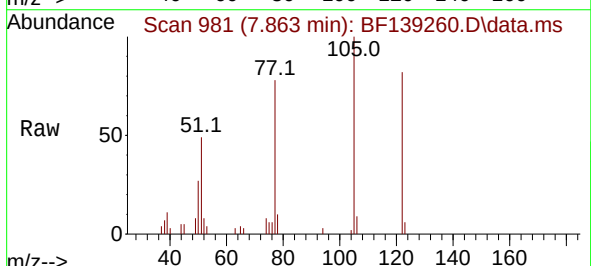
Tgt Ion:122 Resp: 13335

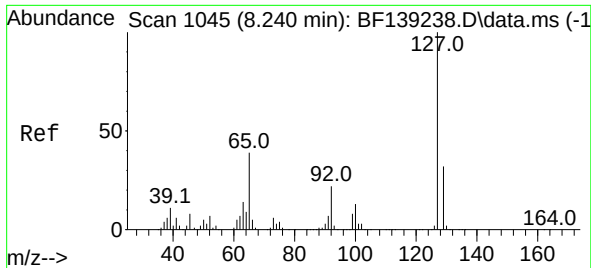
Ion Ratio Lower Upper

122 100

105 121.2 106.3 146.3

77 95.1 84.1 124.1

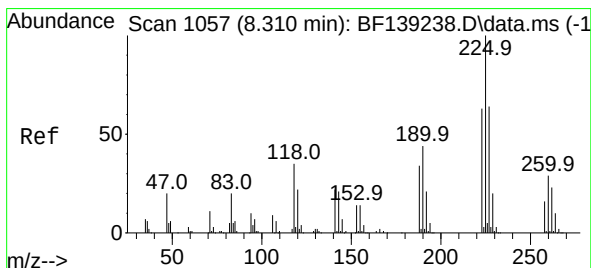
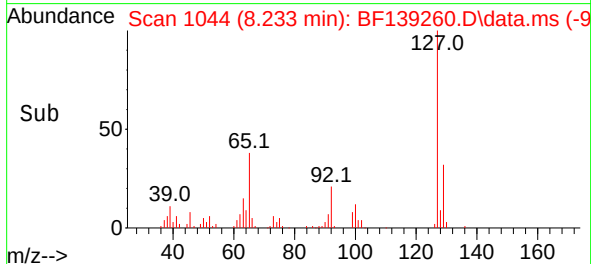
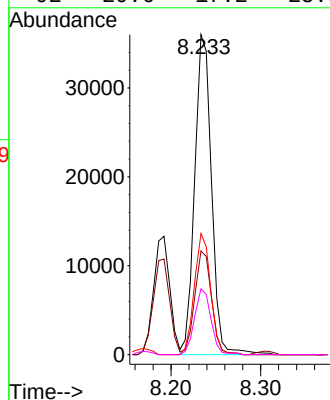
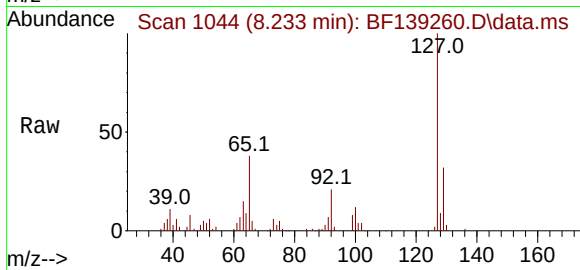




#33
4-Chloroaniline
Concen: 6.788 ng
RT: 8.233 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

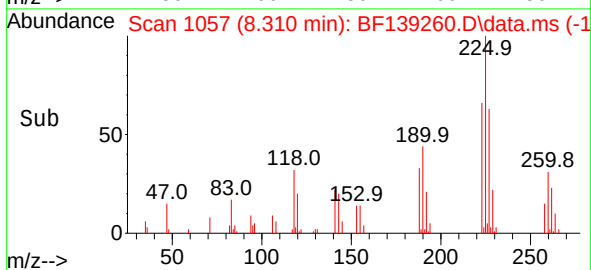
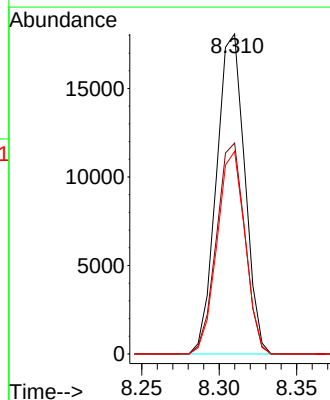
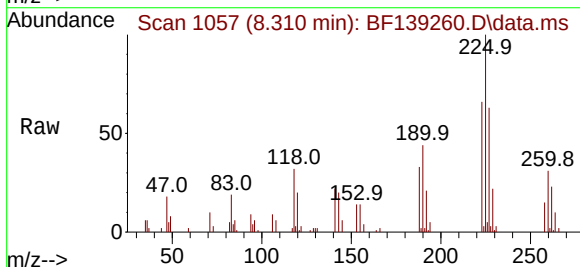
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

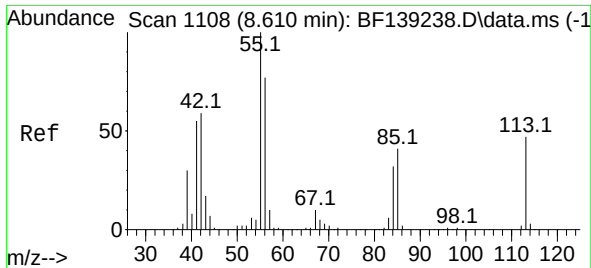
Tgt Ion:127	Resp:	46927
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.8 38.6
65	37.8	30.6 45.8
92	20.6	17.2 25.8



#34
Hexachlorobutadiene
Concen: 5.879 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.000 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:225	Resp:	22955
Ion Ratio	Lower	Upper
225	100	
223	65.9	50.7 76.1
227	63.3	51.5 77.3





#35

Caprolactam

Concen: 5.700 ng

RT: 8.563 min Scan# 1108

Delta R.T. -0.047 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

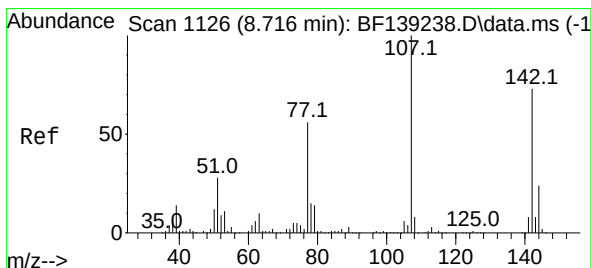
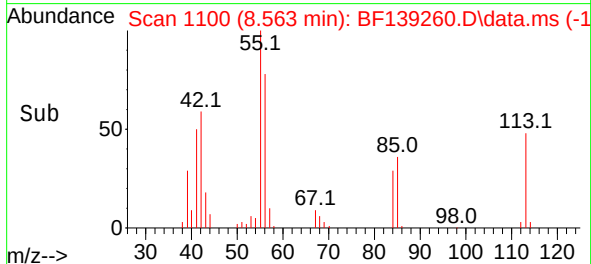
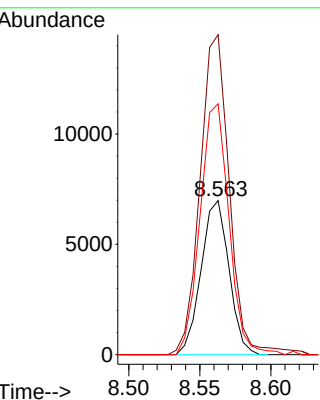
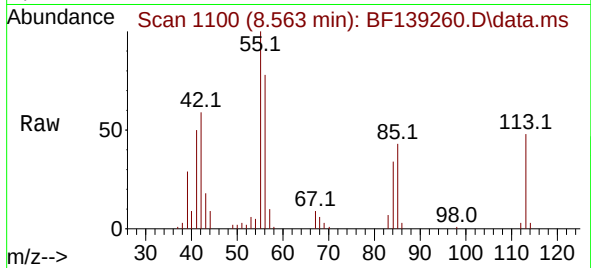
Tgt Ion:113 Resp: 9521

Ion Ratio Lower Upper

113 100

55 207.6 193.7 233.7

56 162.8 145.0 185.0



#36

4-Chloro-3-methylphenol

Concen: 6.054 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

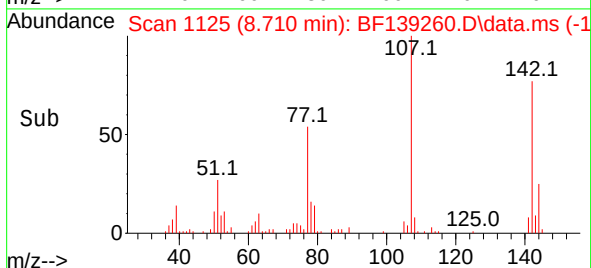
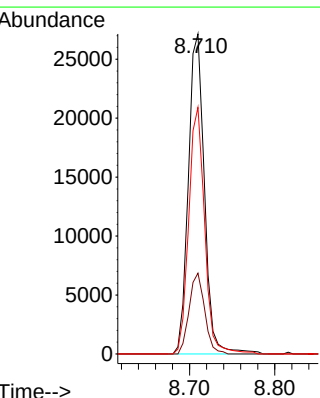
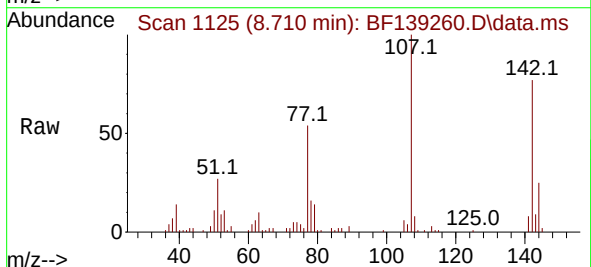
Tgt Ion:107 Resp: 35591

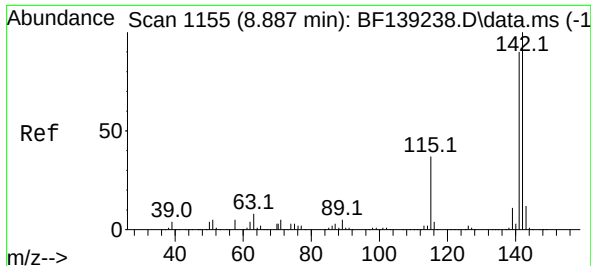
Ion Ratio Lower Upper

107 100

144 25.3 19.1 28.7

142 77.1 58.3 87.5





#37

2-Methylnaphthalene

Concen: 6.396 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

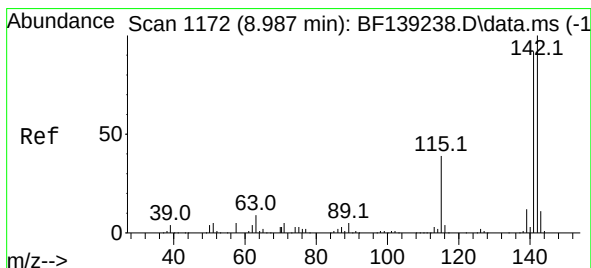
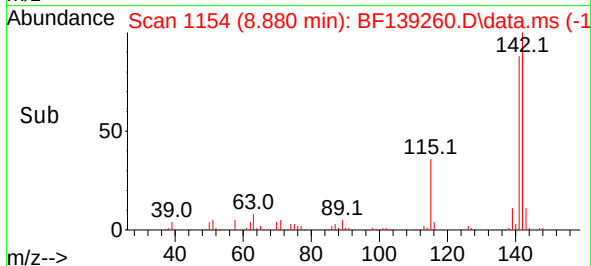
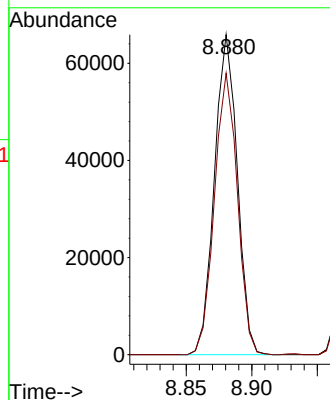
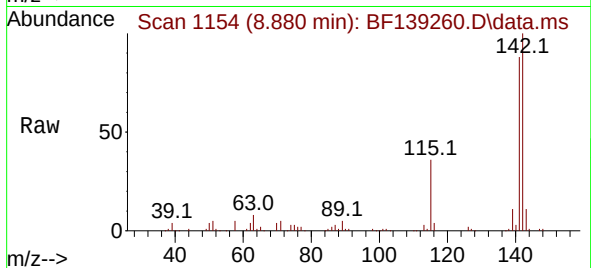
LOQ-WATER-02-QT2-2024

Tgt Ion:142 Resp: 79898

Ion Ratio Lower Upper

142 100

141 88.0 71.6 107.4



#38

1-Methylnaphthalene

Concen: 6.103 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.006 min

Lab File: BF139260.D

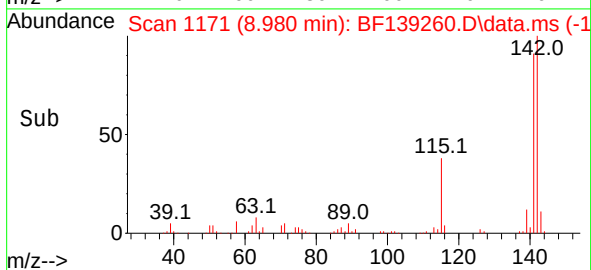
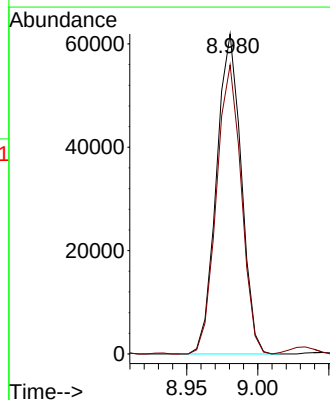
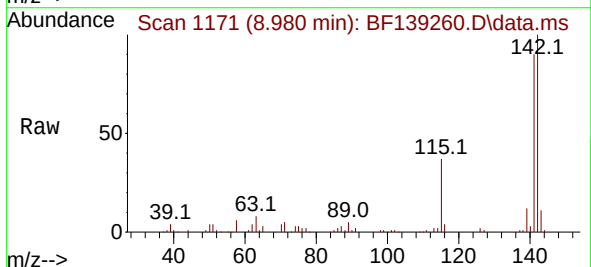
Acq: 05 Sep 2024 16:25

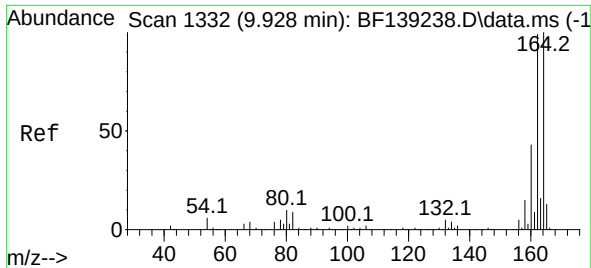
Tgt Ion:142 Resp: 74989

Ion Ratio Lower Upper

142 100

141 90.3 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

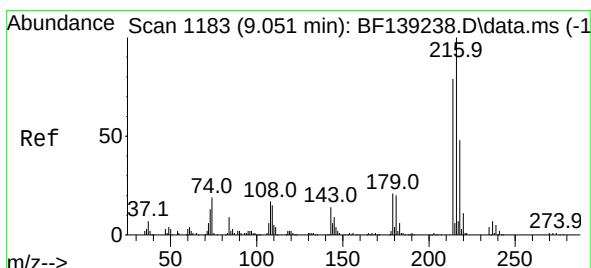
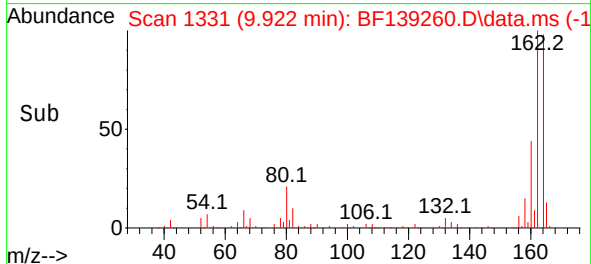
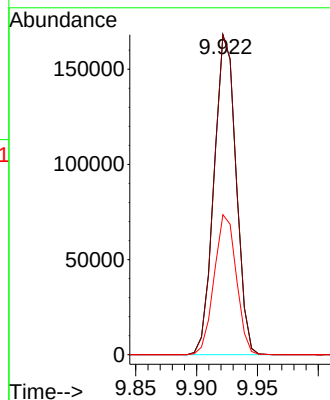
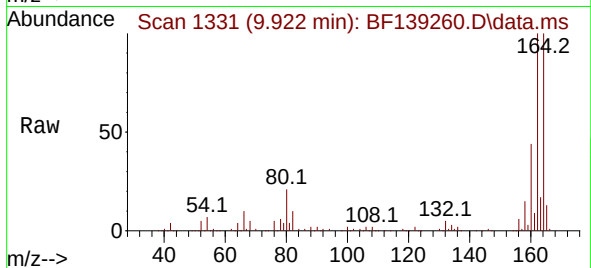
Tgt Ion:164 Resp: 211459

Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 43.8 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.557 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Tgt Ion:216 Resp: 39226

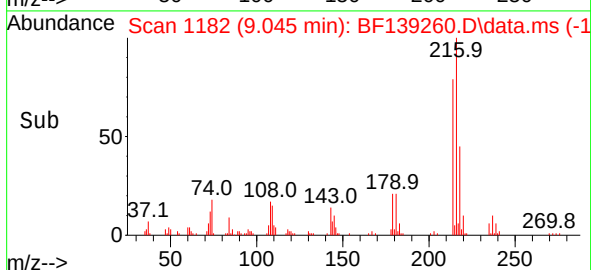
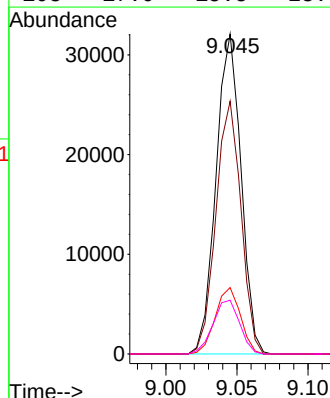
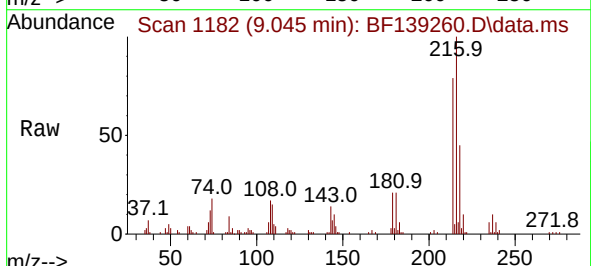
Ion Ratio Lower Upper

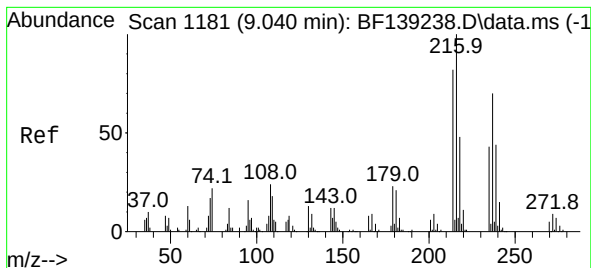
216 100

214 79.0 63.8 95.8

179 20.9 16.9 25.3

108 17.9 15.5 23.3





#41

Hexachlorocyclopentadiene

Concen: 6.506 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

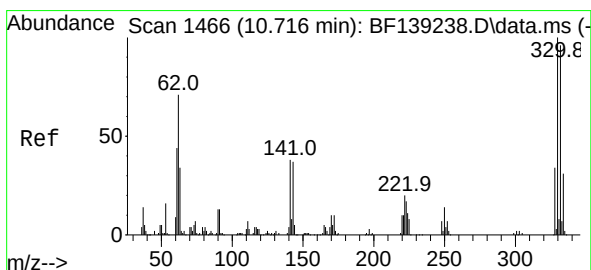
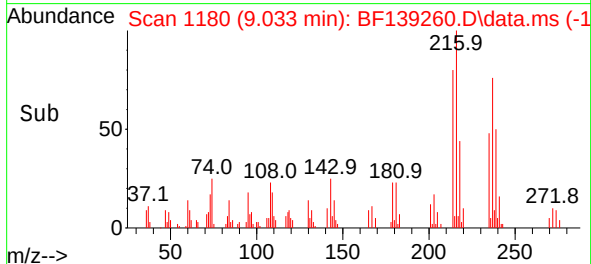
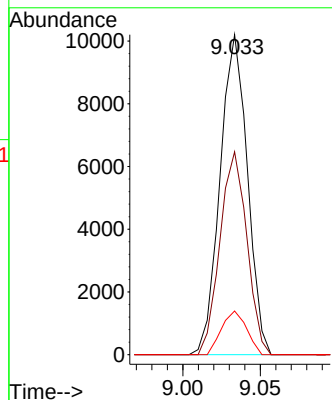
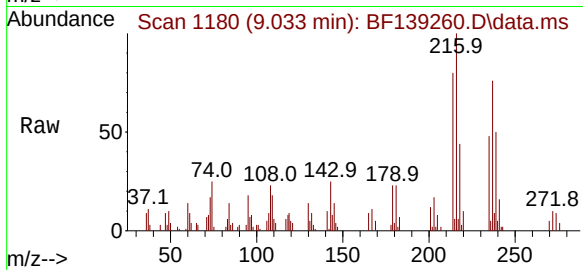
Tgt Ion:237 Resp: 12510

Ion Ratio Lower Upper

237 100

235 63.4 41.4 81.4

272 13.7 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 119.872 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

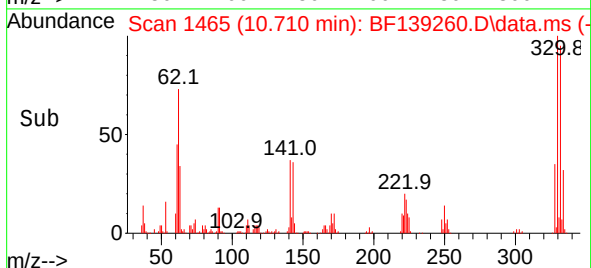
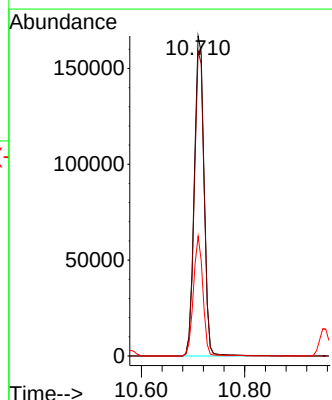
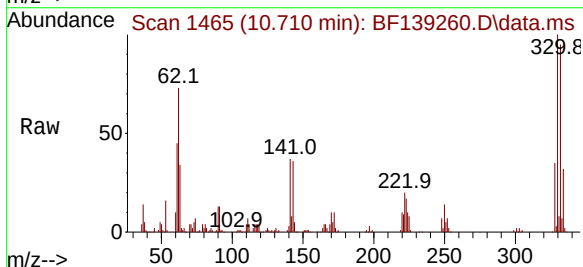
Tgt Ion:330 Resp: 218884

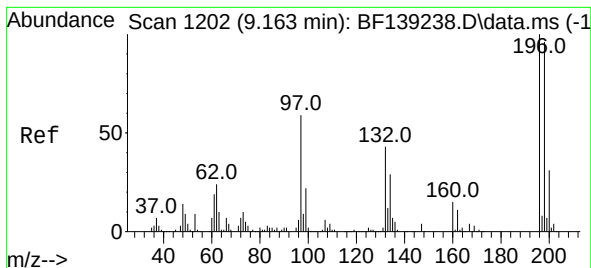
Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 36.1 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 5.950 ng

RT: 9.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

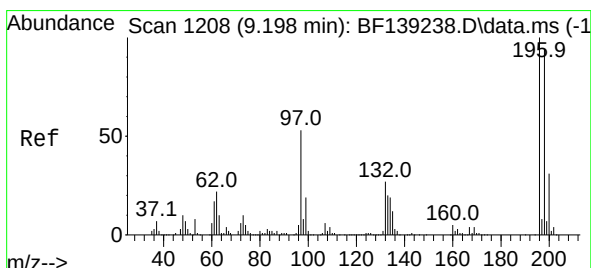
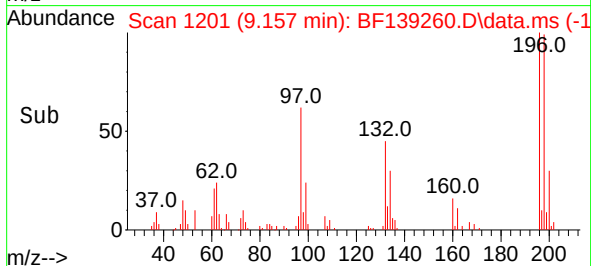
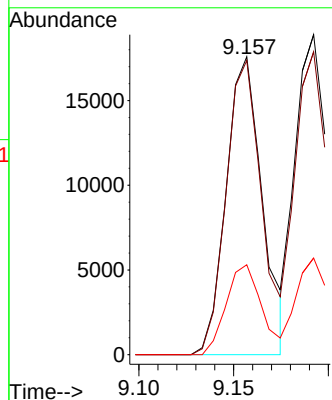
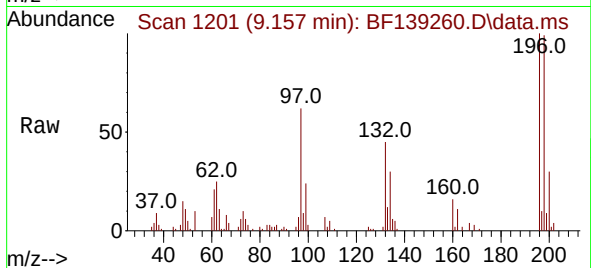
Tgt Ion:196 Resp: 23290

Ion Ratio Lower Upper

196 100

198 98.8 77.0 115.4

200 30.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 5.886 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Tgt Ion:196 Resp: 24143

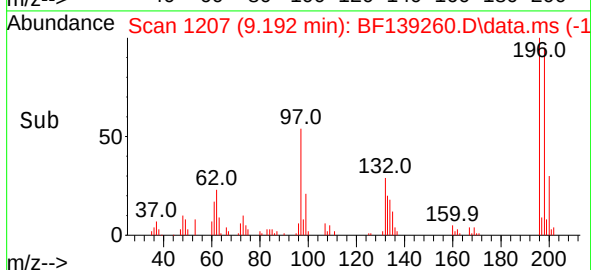
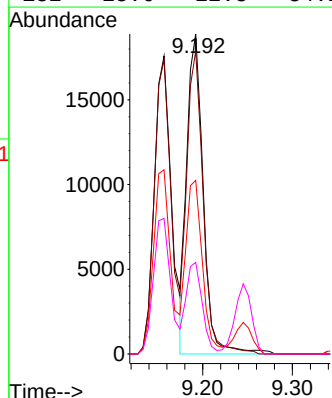
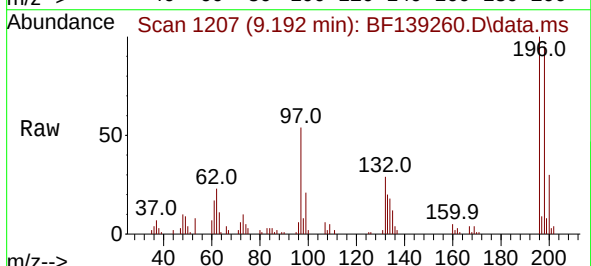
Ion Ratio Lower Upper

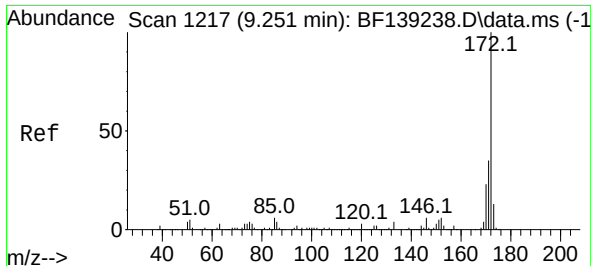
196 100

198 94.7 75.6 113.4

97 54.2 43.6 65.4

132 28.6 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 85.139 ng

RT: 9.245 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

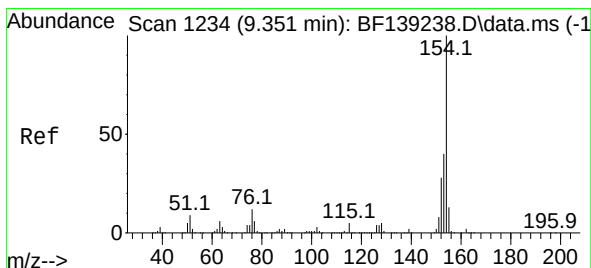
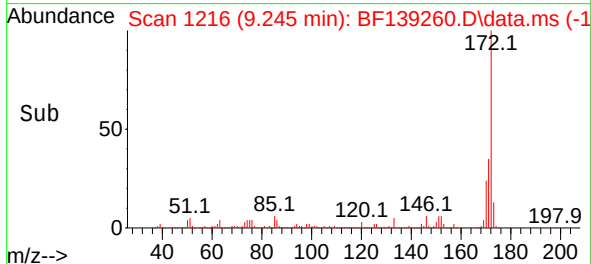
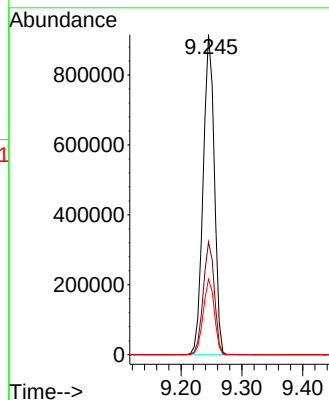
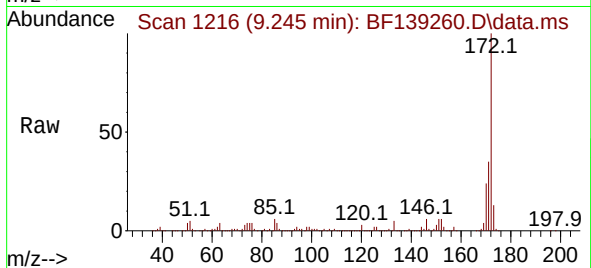
Tgt Ion:172 Resp: 1166295

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 6.888 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

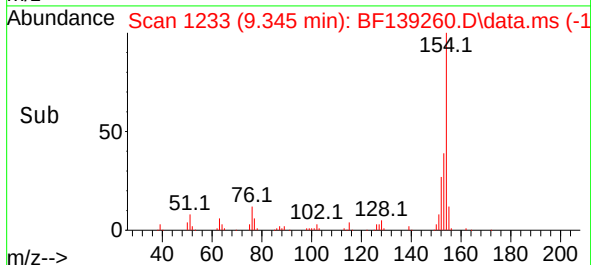
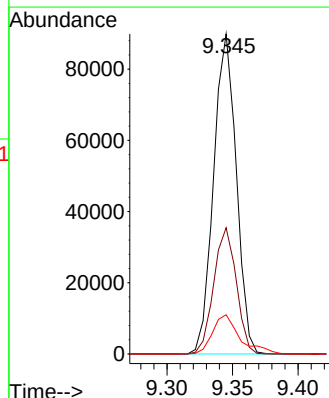
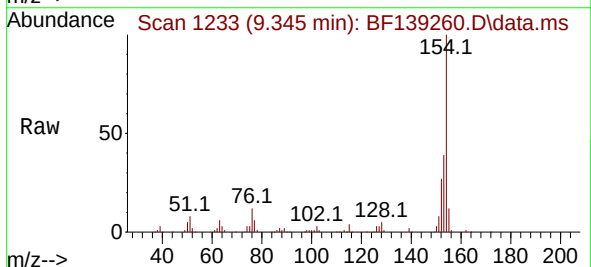
Tgt Ion:154 Resp: 107921

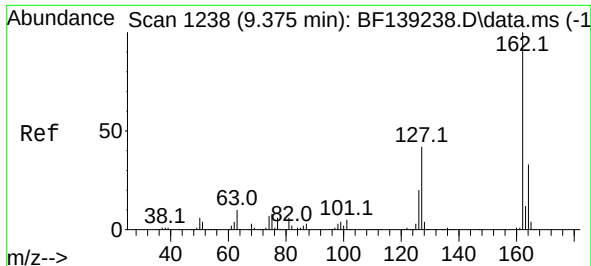
Ion Ratio Lower Upper

154 100

153 39.5 20.1 60.1

76 12.2 0.0 32.3





#47

2-Chloronaphthalene

Concen: 6.215 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

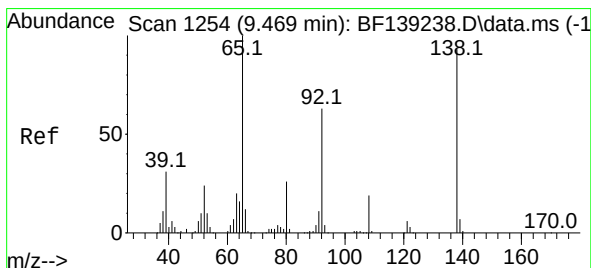
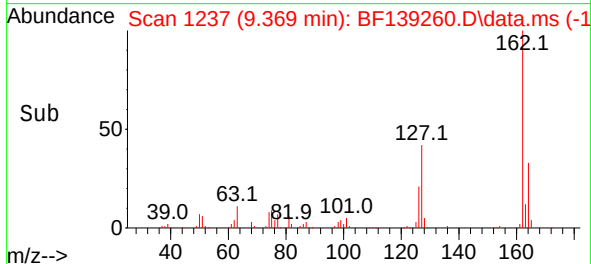
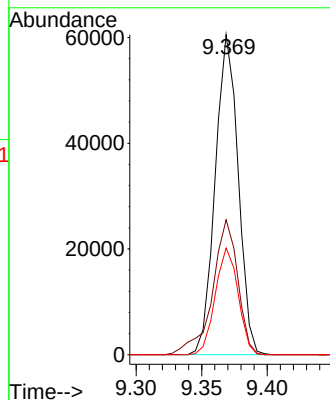
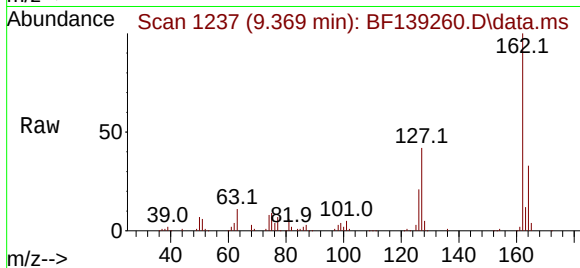
Tgt Ion:162 Resp: 73519

Ion Ratio Lower Upper

162 100

127 42.2 34.2 51.4

164 33.3 26.2 39.2



#48

2-Nitroaniline

Concen: 5.887 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

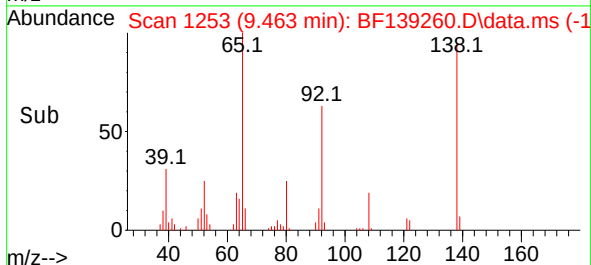
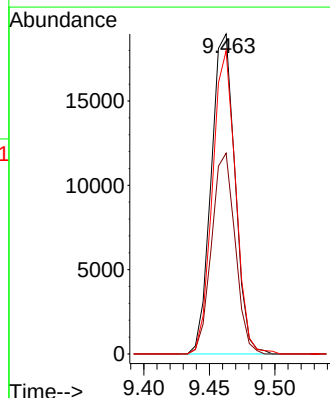
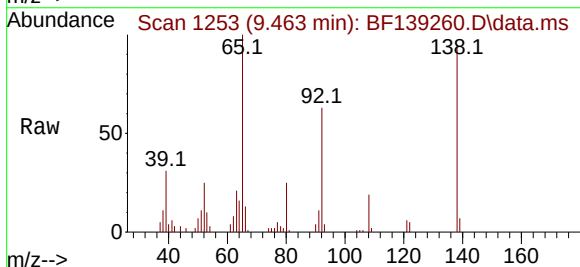
Tgt Ion: 65 Resp: 23987

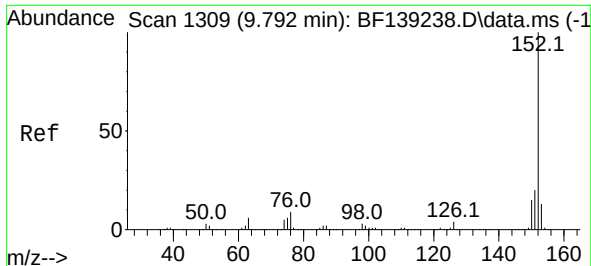
Ion Ratio Lower Upper

65 100

92 62.7 50.4 75.6

138 94.7 74.2 111.4





#49

Acenaphthylene

Concen: 6.979 ng

RT: 9.786 min Scan# 1309

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

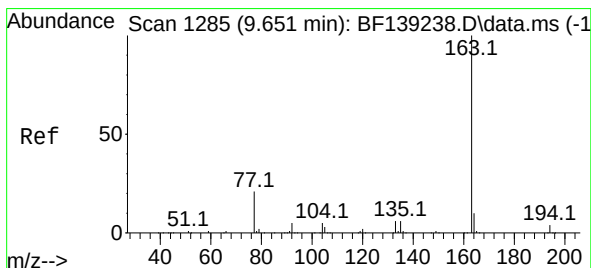
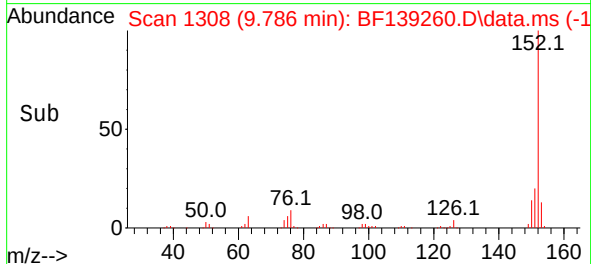
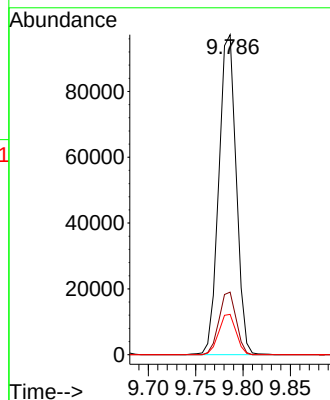
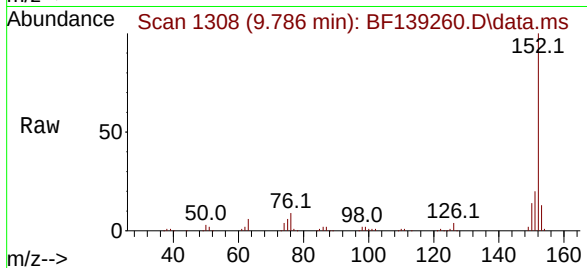
Tgt Ion:152 Resp: 124351

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

153 12.6 10.4 15.6



#50

Dimethylphthalate

Concen: 6.345 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

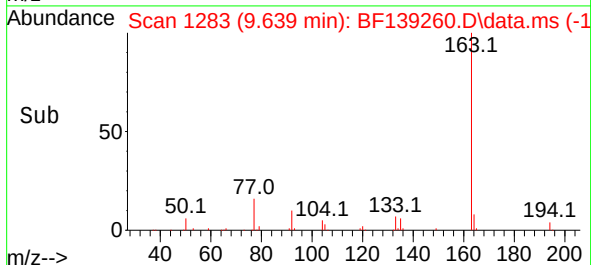
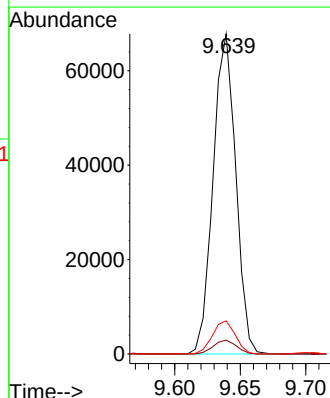
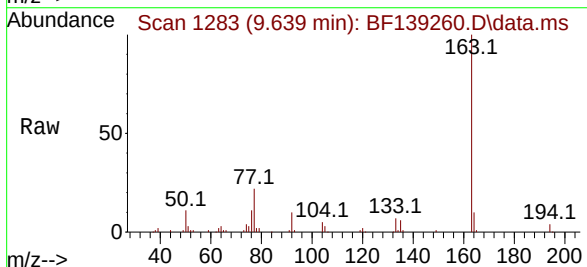
Tgt Ion:163 Resp: 81316

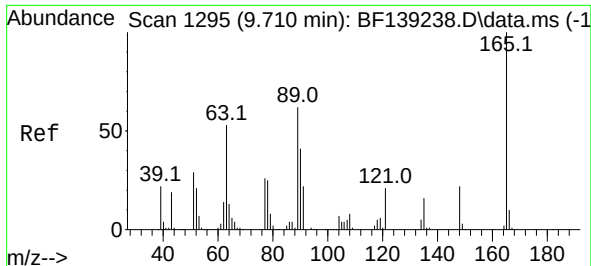
Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.3 7.9 11.9





#51

2,6-Dinitrotoluene

Concen: 5.820 ng

RT: 9.698 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

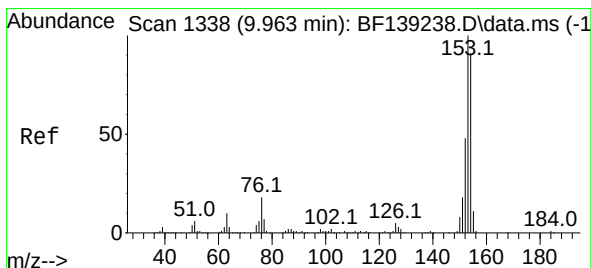
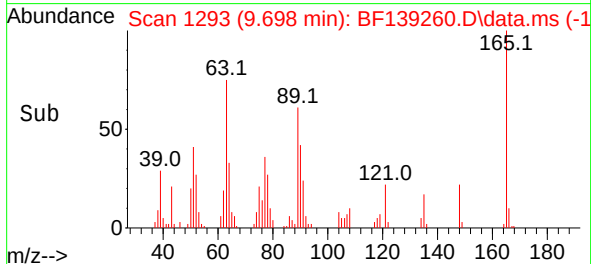
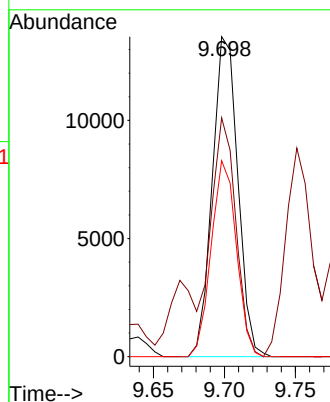
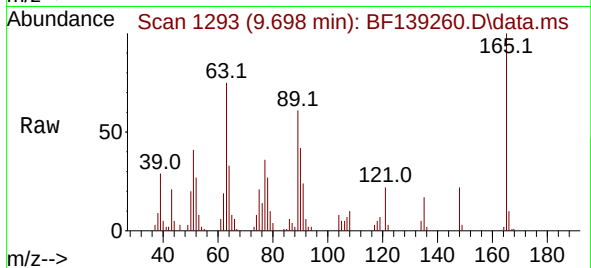
Tgt Ion:165 Resp: 16923

Ion Ratio Lower Upper

165 100

63 74.7 56.1 84.1

89 61.2 49.7 74.5



#52

Acenaphthene

Concen: 6.173 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

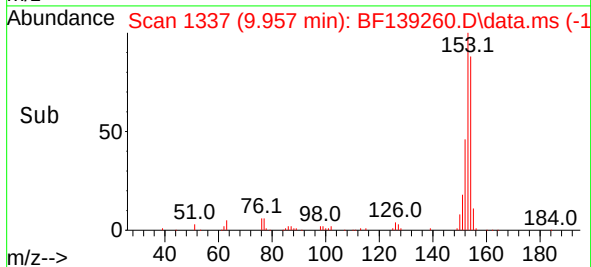
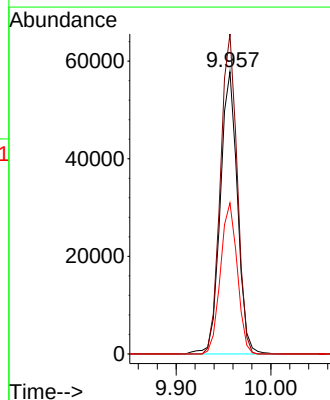
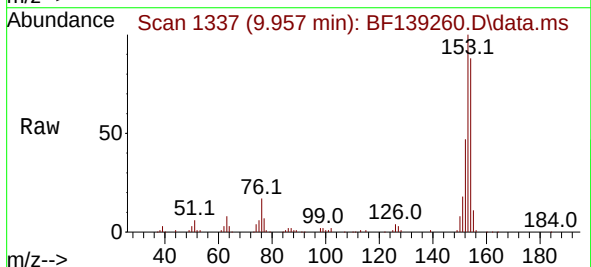
Tgt Ion:154 Resp: 72950

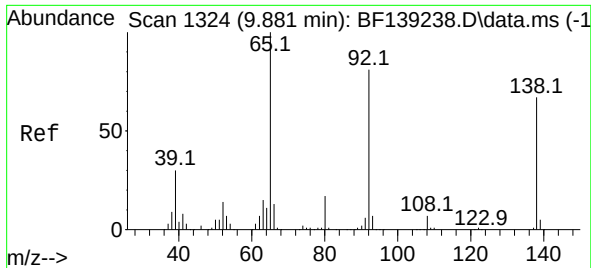
Ion Ratio Lower Upper

154 100

153 113.4 87.8 131.6

152 53.5 41.7 62.5

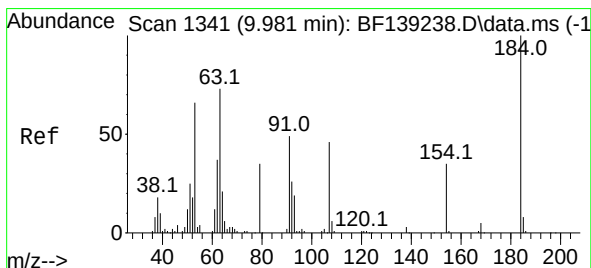
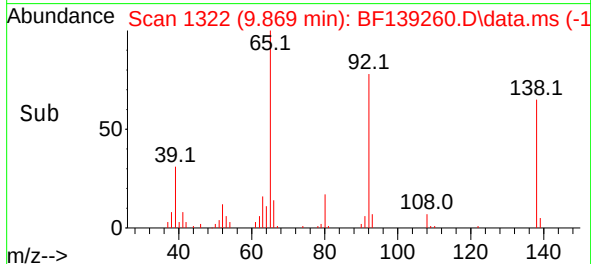
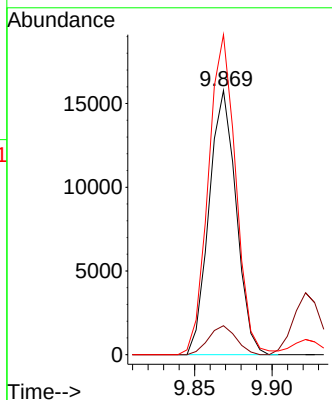
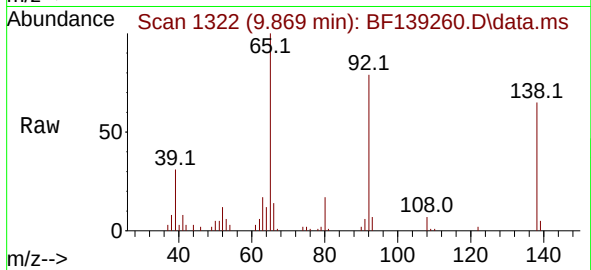




#53
3-Nitroaniline
Concen: 6.190 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

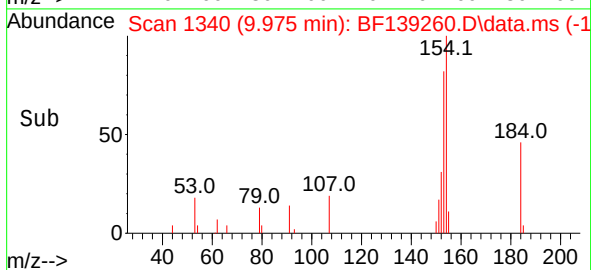
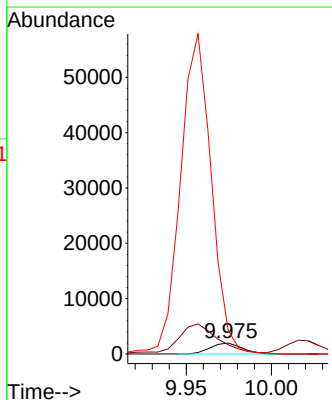
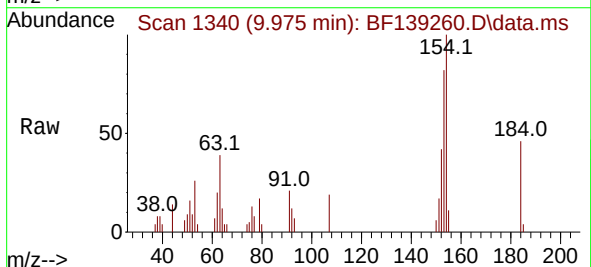
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

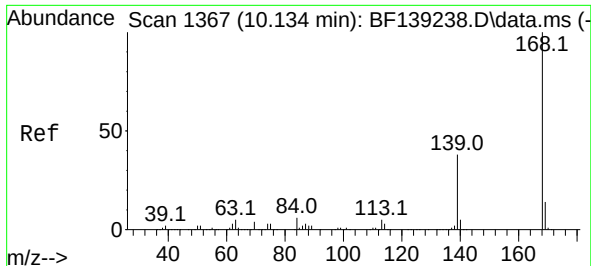
Tgt Ion:138 Resp: 19175
Ion Ratio Lower Upper
138 100
108 11.0 8.6 13.0
92 121.1 96.4 144.6



#54
2,4-Dinitrophenol
Concen: 9.023 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:184 Resp: 2518
Ion Ratio Lower Upper
184 100
63 84.8 66.4 99.6
154 217.9 97.0 145.6#





#55

Dibenzenofuran

Concen: 6.748 ng

RT: 10.127 min Scan# 114

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

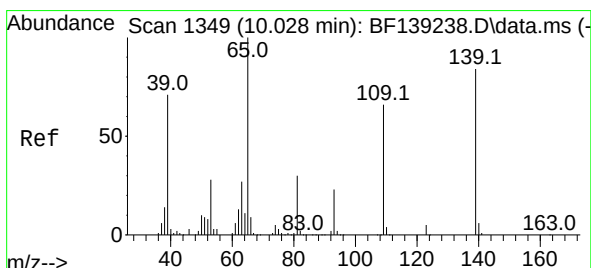
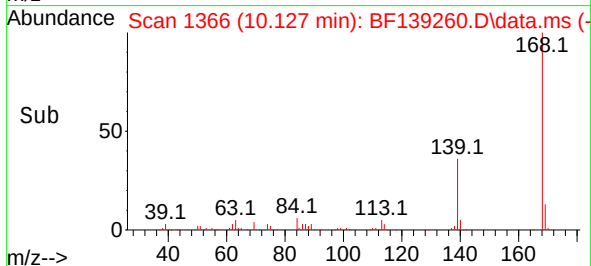
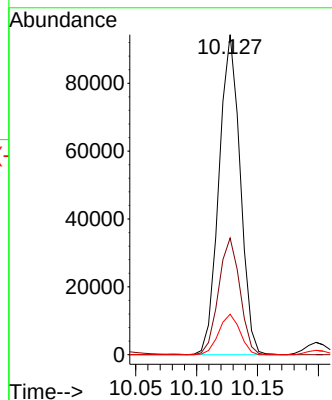
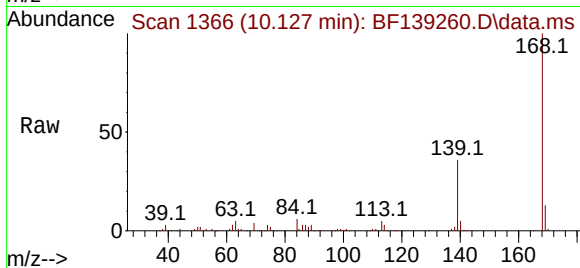
Tgt Ion:168 Resp: 114327

Ion Ratio Lower Upper

168 100

139 36.5 30.2 45.4

169 12.6 10.8 16.2



#56

4-Nitrophenol

Concen: 4.799 ng

RT: 10.016 min Scan# 1347

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

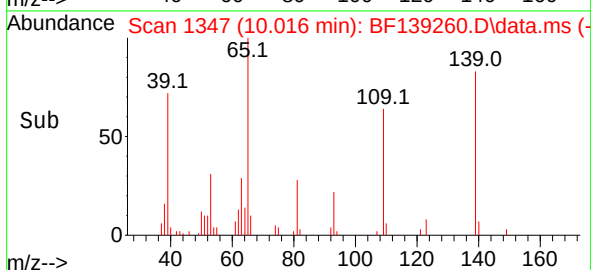
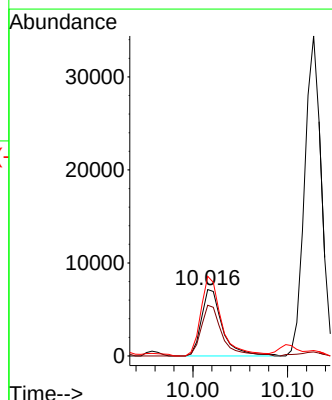
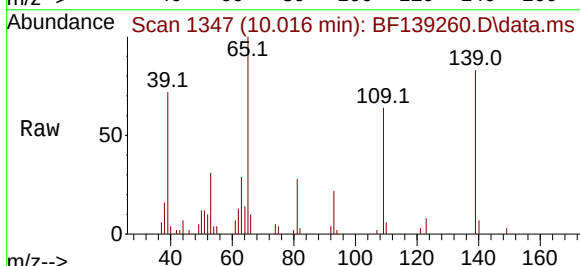
Tgt Ion:139 Resp: 10972

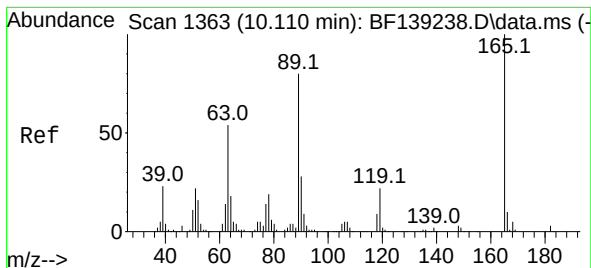
Ion Ratio Lower Upper

139 100

109 76.5 58.7 98.7

65 120.0 100.3 140.3





#57

2,4-Dinitrotoluene

Concen: 5.685 ng

RT: 10.098 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF139260.D

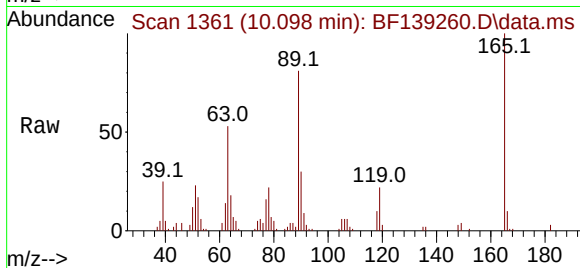
Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 21037

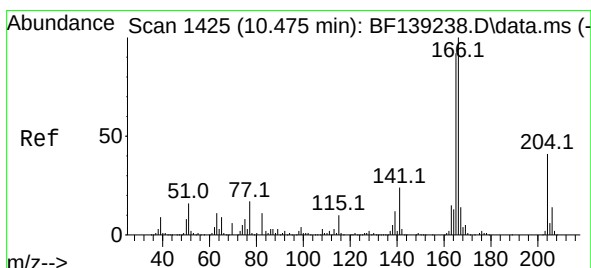
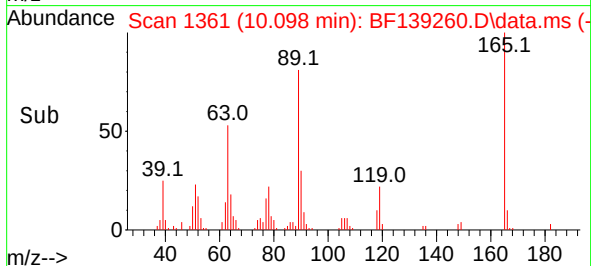
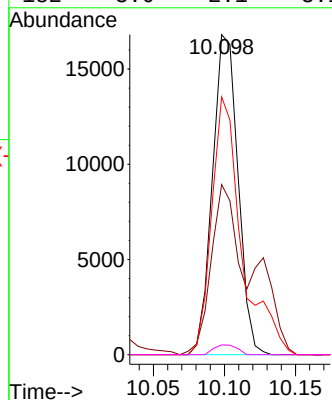
Ion Ratio Lower Upper

165 100

63 53.2 43.4 65.0

89 80.6 64.2 96.4

182 3.0 2.1 3.1



#58

Fluorene

Concen: 6.640 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

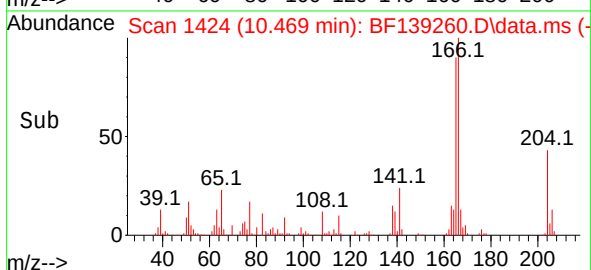
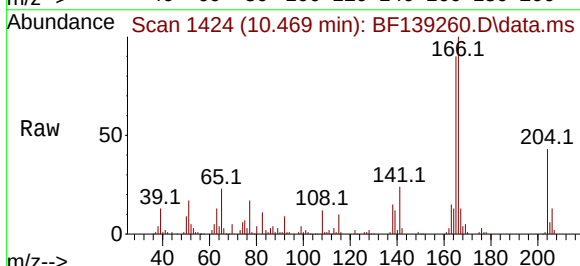
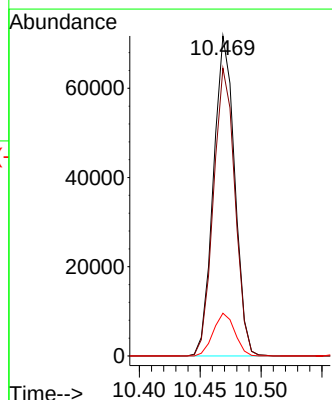
Tgt Ion:166 Resp: 87229

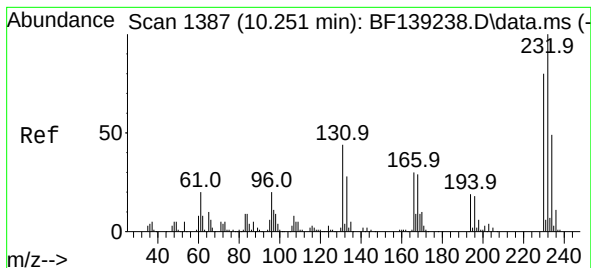
Ion Ratio Lower Upper

166 100

165 90.0 73.7 110.5

167 13.4 10.9 16.3

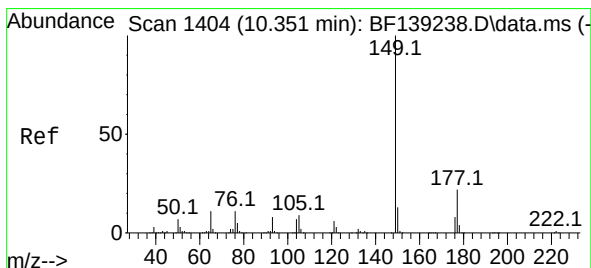
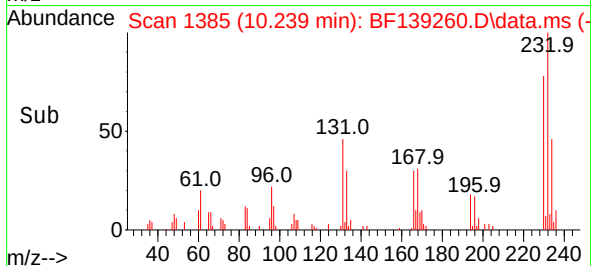
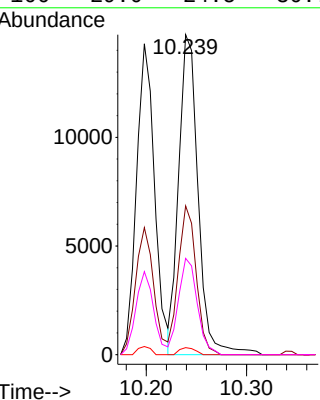
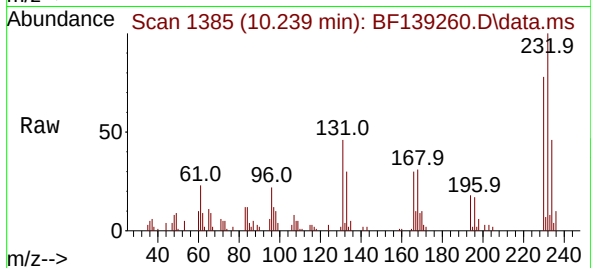




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.151 ng
RT: 10.239 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

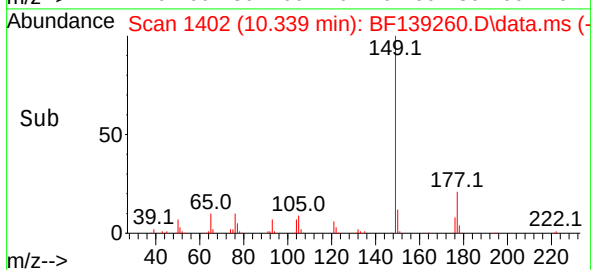
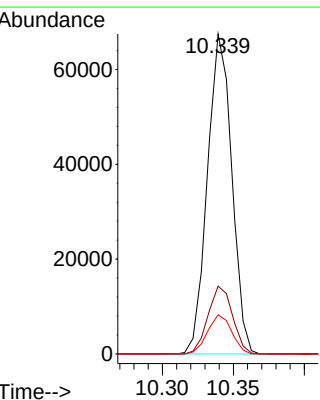
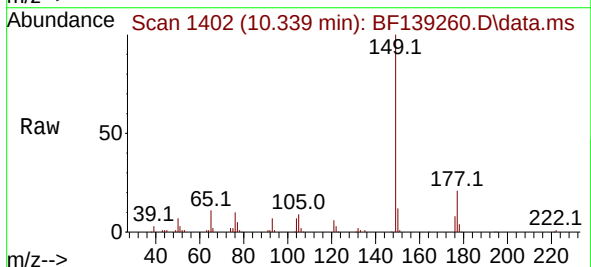
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

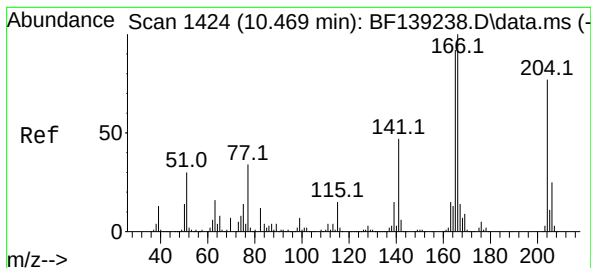
Tgt Ion:232 Resp: 19861
Ion Ratio Lower Upper
232 100
131 42.7 37.7 56.5
130 1.8 1.9 2.9#
166 29.0 24.5 36.7



#60
Diethylphthalate
Concen: 6.379 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:149 Resp: 80456
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.2 10.2 15.2

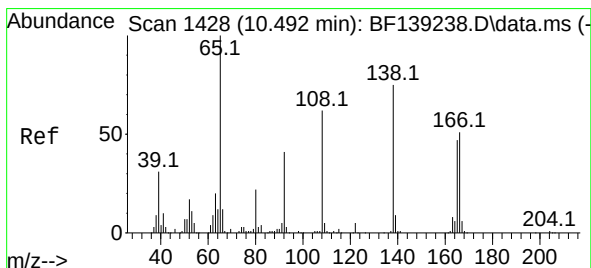
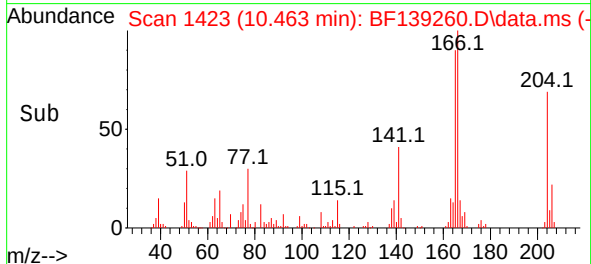
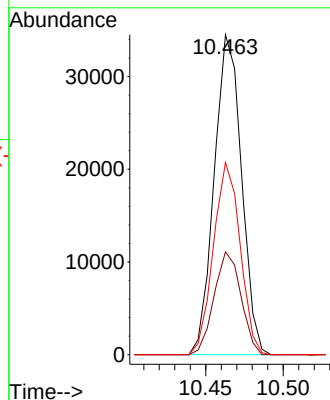
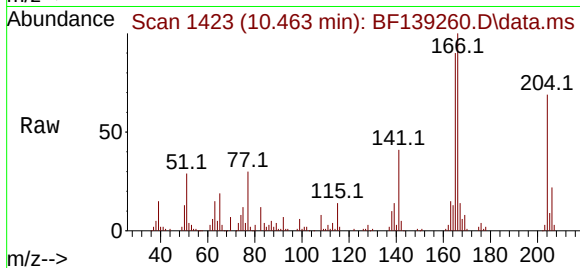




#61
4-Chlorophenyl-phenylether
Concen: 6.664 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

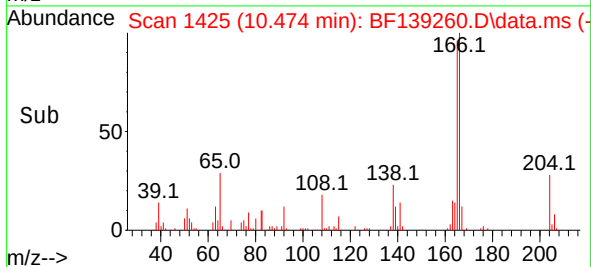
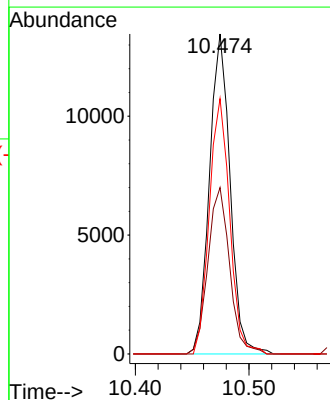
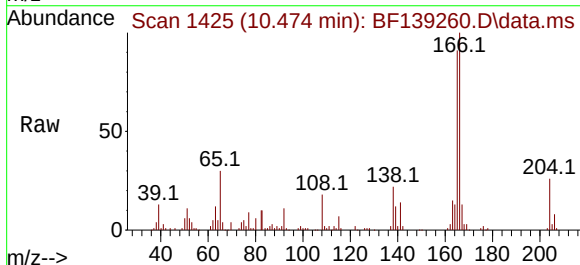
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

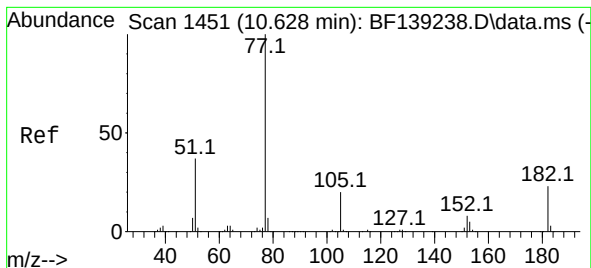
Tgt Ion:204 Resp: 42215
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 60.1 48.6 72.8



#62
4-Nitroaniline
Concen: 5.753 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.018 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:138 Resp: 16965
Ion Ratio Lower Upper
138 100
92 52.0 34.4 74.4
108 79.8 62.7 102.7





#63

Azobenzene

Concen: 6.448 ng

RT: 10.622 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 85719

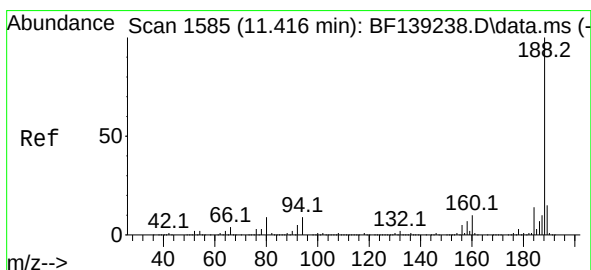
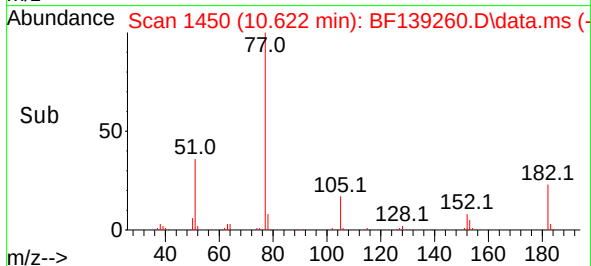
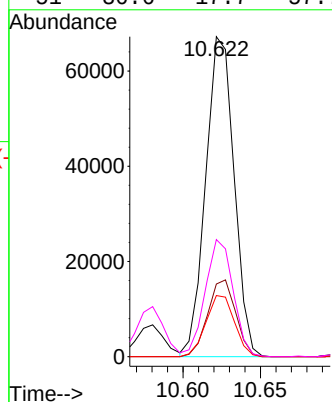
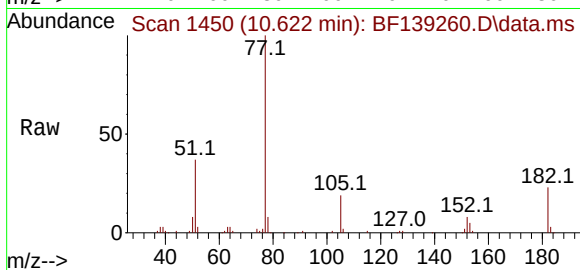
Ion Ratio Lower Upper

77 100

182 22.7 3.0 43.0

105 19.1 0.0 39.4

51 36.6 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

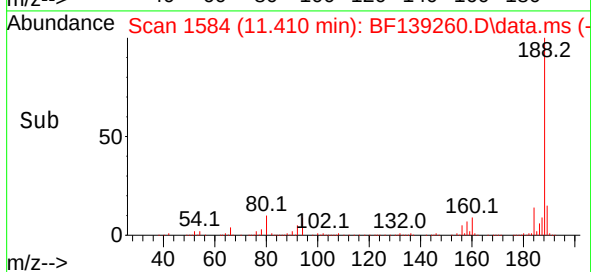
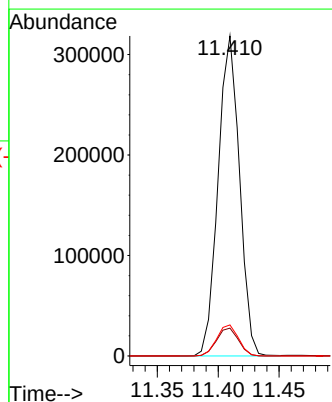
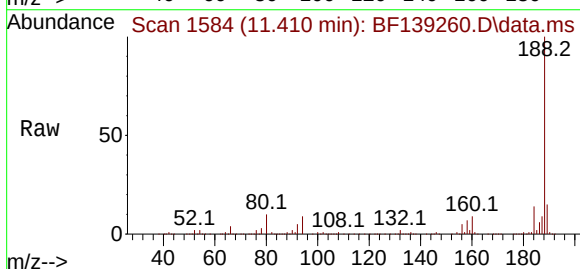
Tgt Ion:188 Resp: 390113

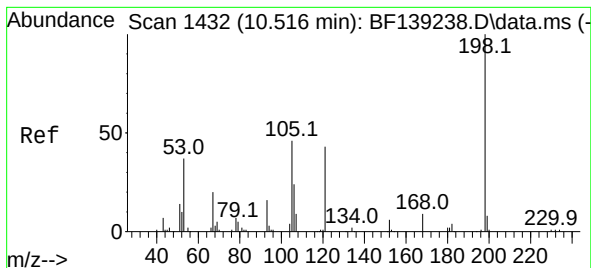
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.7 7.3 10.9

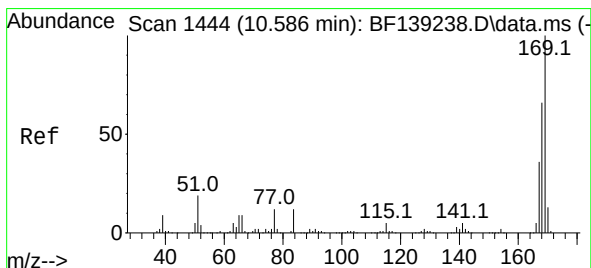
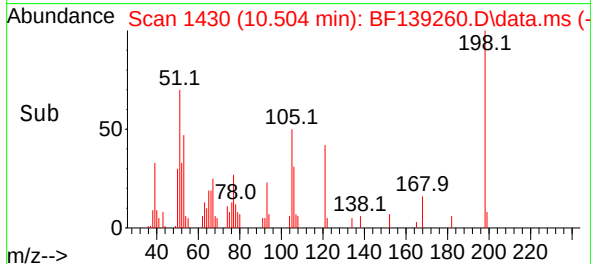
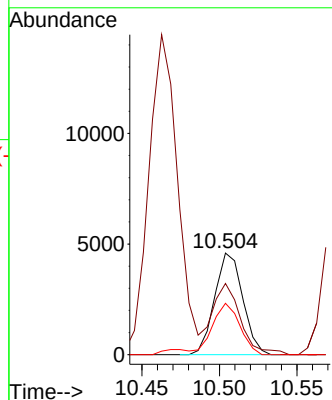
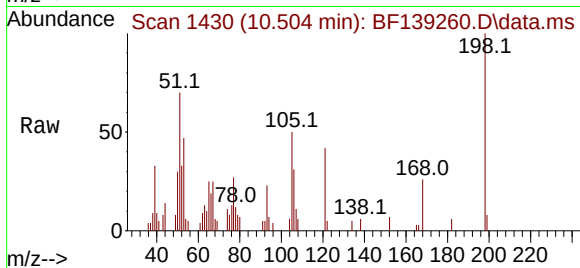




#65
4,6-Dinitro-2-methylphenol
Concen: 3.210 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

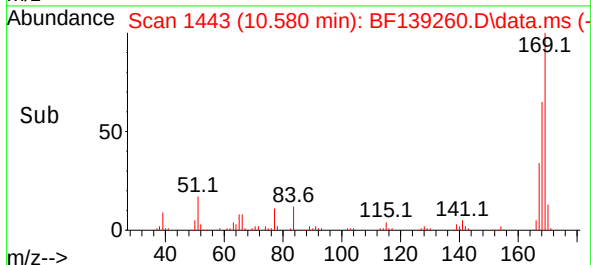
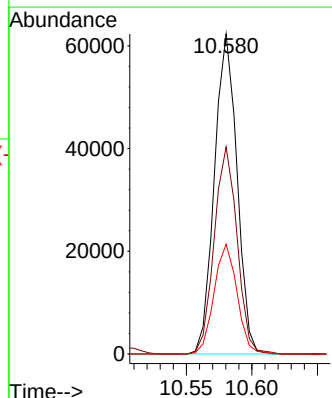
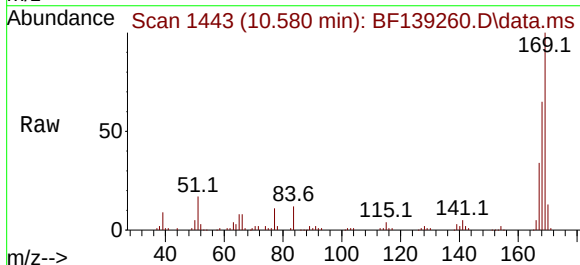
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

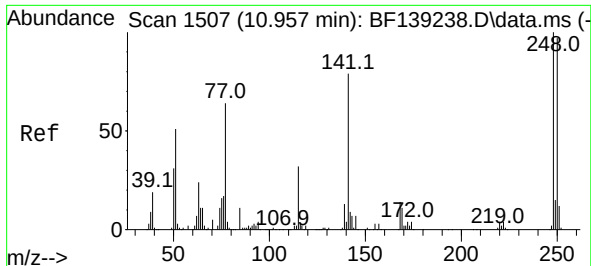
Tgt Ion:198 Resp: 5787
Ion Ratio Lower Upper
198 100
51 70.0 47.2 87.2
105 50.5 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 6.566 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:169 Resp: 74562
Ion Ratio Lower Upper
169 100
168 64.7 53.0 79.6
167 34.3 29.0 43.6

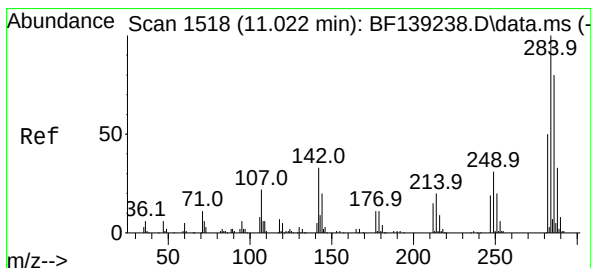
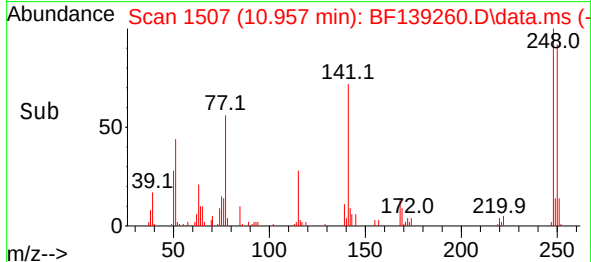
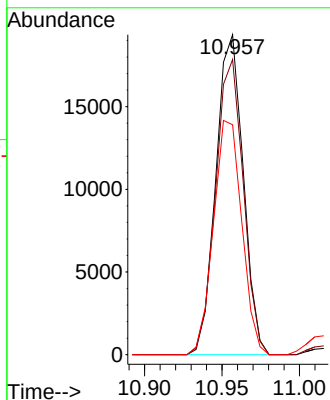
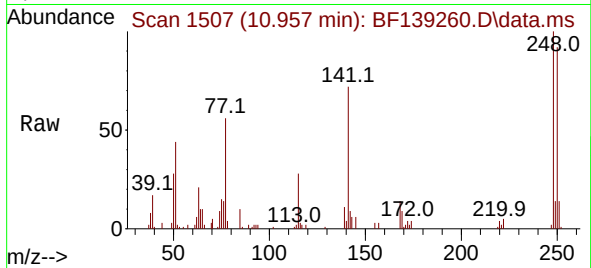




#67
4-Bromophenyl-phenylether
Concen: 6.272 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

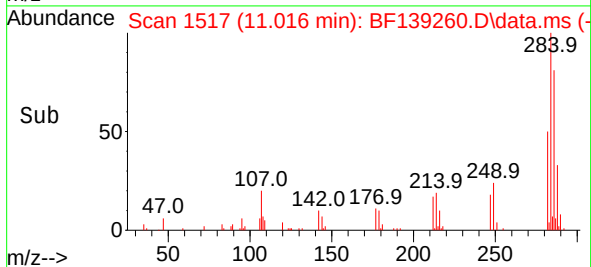
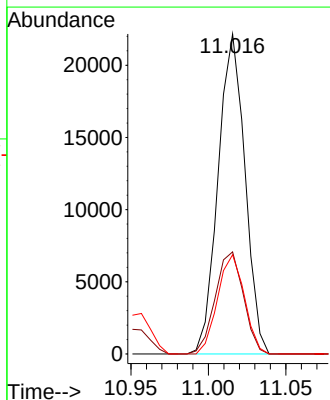
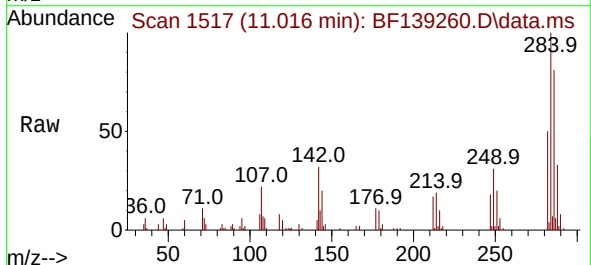
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

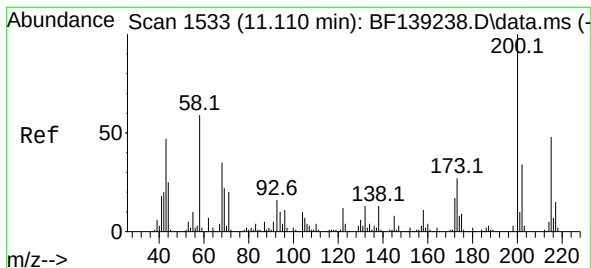
Tgt Ion:248 Resp: 23741
Ion Ratio Lower Upper
248 100
250 92.3 77.2 115.8
141 71.9 63.6 95.4



#68
Hexachlorobenzene
Concen: 6.162 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:284 Resp: 26698
Ion Ratio Lower Upper
284 100
142 31.9 26.5 39.7
249 31.0 24.8 37.2





#69

Atrazine

Concen: 7.561 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

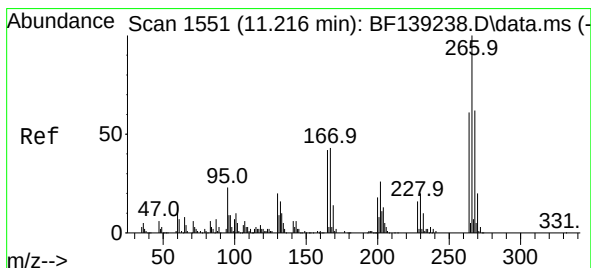
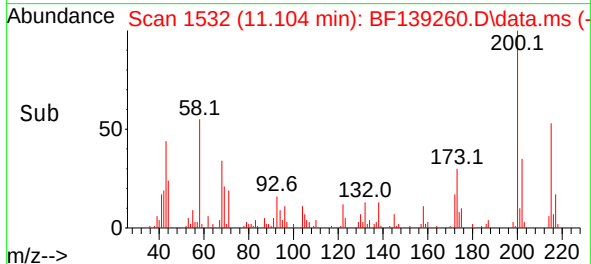
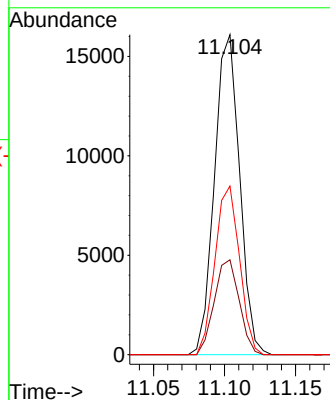
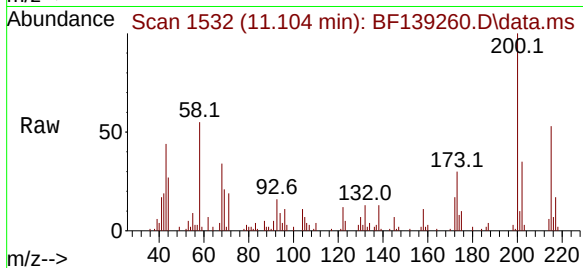
Tgt Ion:200 Resp: 19808

Ion Ratio Lower Upper

200 100

173 29.6 7.1 47.1

215 52.7 28.5 68.5



#70

Pentachlorophenol

Concen: 3.646 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

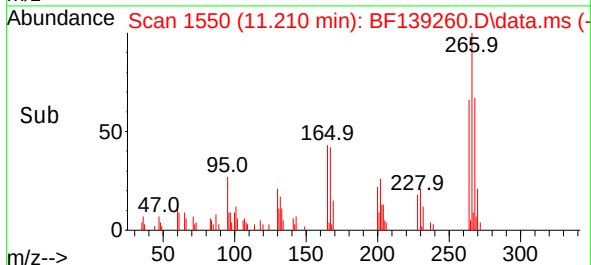
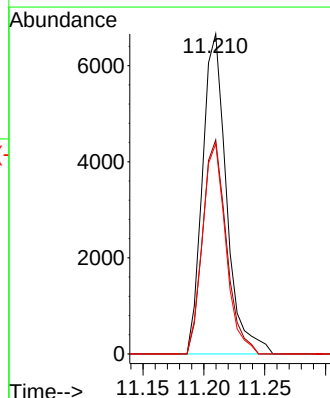
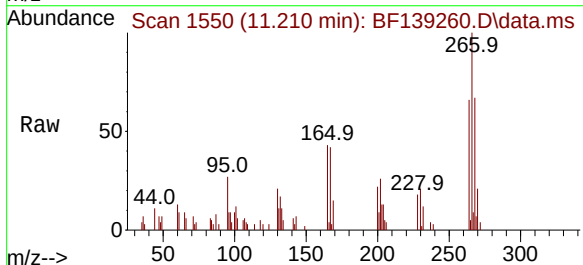
Tgt Ion:266 Resp: 9125

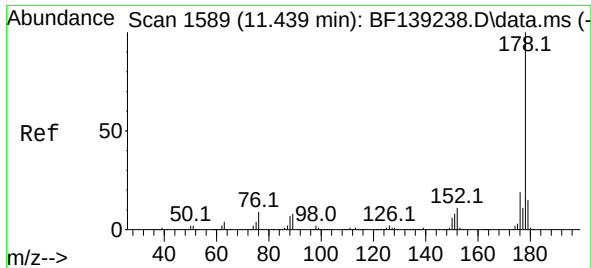
Ion Ratio Lower Upper

266 100

268 66.9 49.7 74.5

264 65.7 49.2 73.8

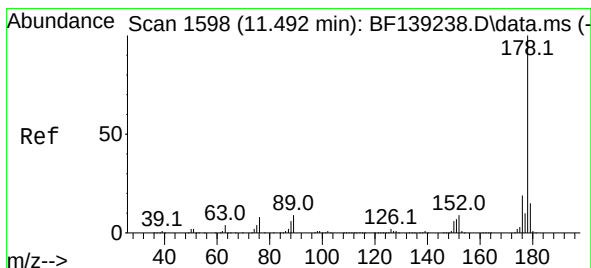
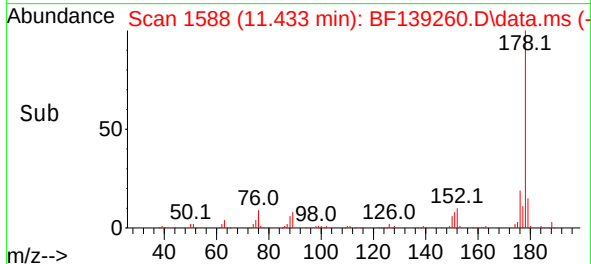
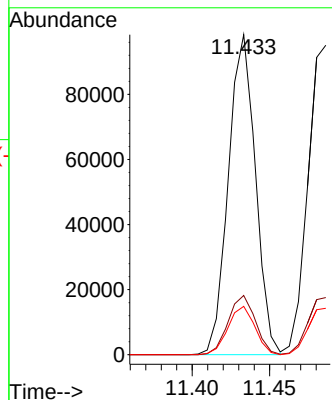
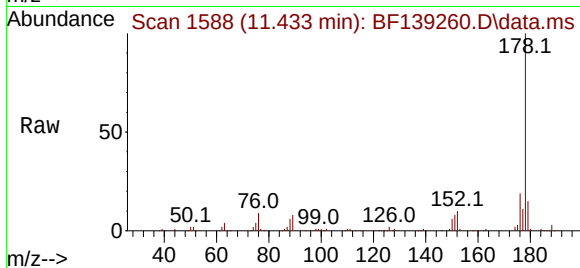




#71
Phenanthrene
Concen: 6.559 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

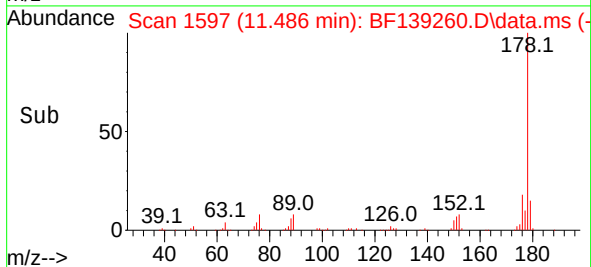
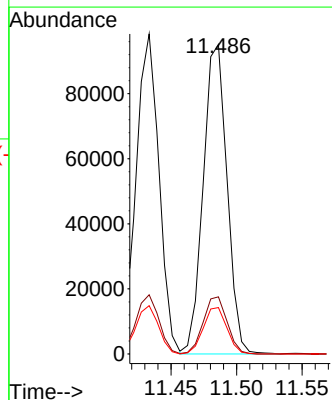
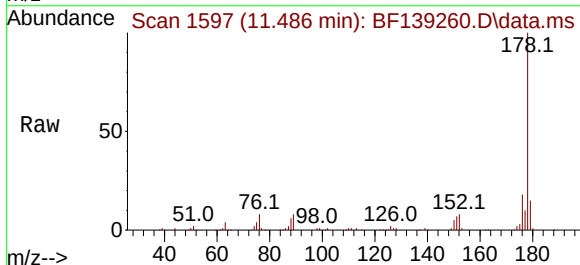
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

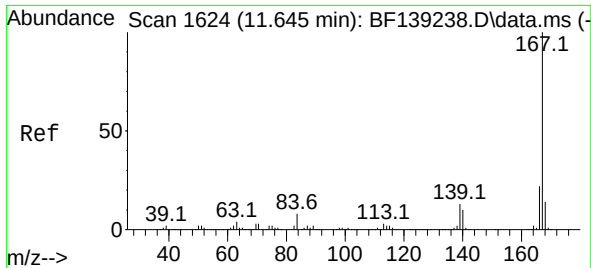
Tgt Ion:178 Resp: 119525
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.1 12.3 18.5



#72
Anthracene
Concen: 6.769 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:178 Resp: 120504
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.0 12.3 18.5

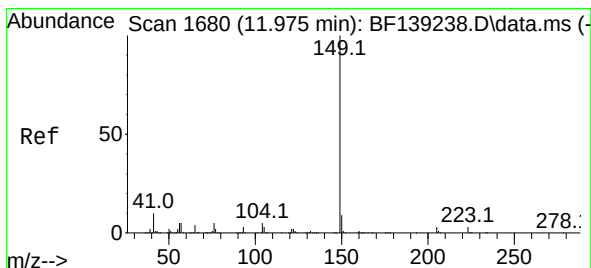
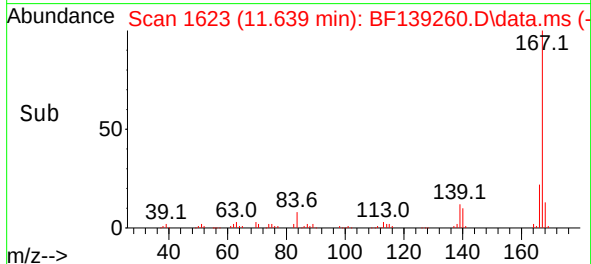
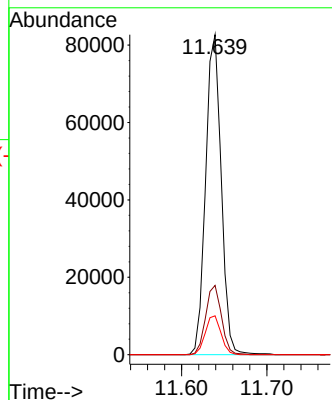
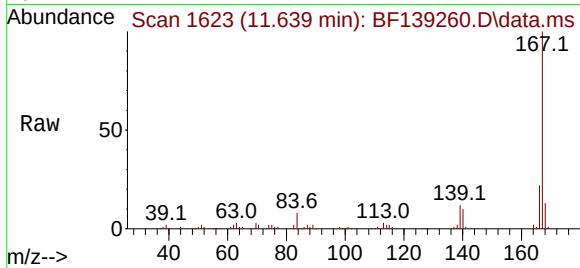




#73
 Carbazole
 Concen: 6.315 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.006 min
 Lab File: BF139260.D
 Acq: 05 Sep 2024 16:25

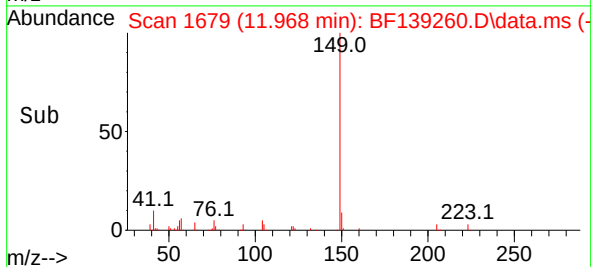
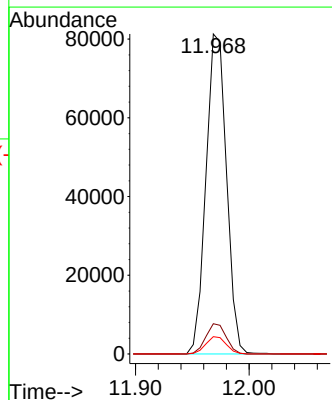
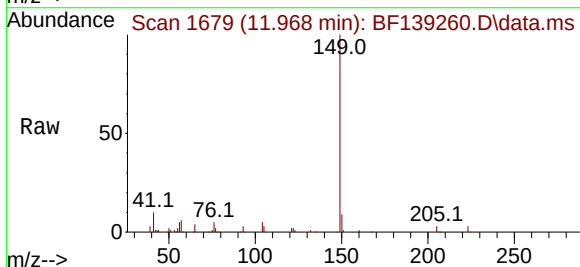
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

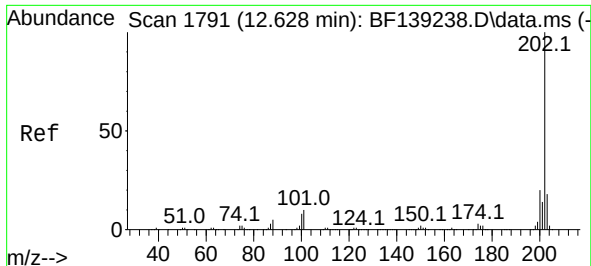
Tgt Ion:167 Resp: 105074
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.2 10.2 15.4



#74
 Di-n-butylphthalate
 Concen: 5.993 ng
 RT: 11.968 min Scan# 1679
 Delta R.T. -0.006 min
 Lab File: BF139260.D
 Acq: 05 Sep 2024 16:25

Tgt Ion:149 Resp: 102110
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.4 3.9 5.9

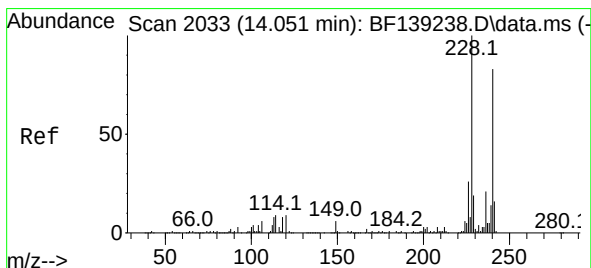
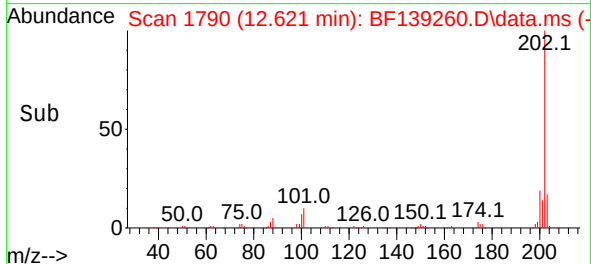
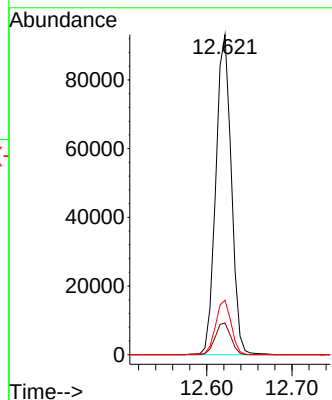
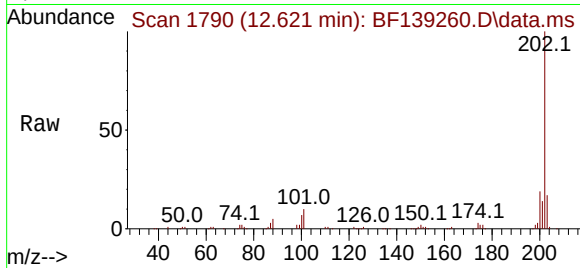




#75
Fluoranthene
Concen: 6.437 ng
RT: 12.621 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

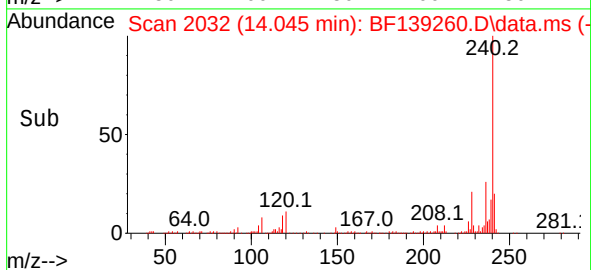
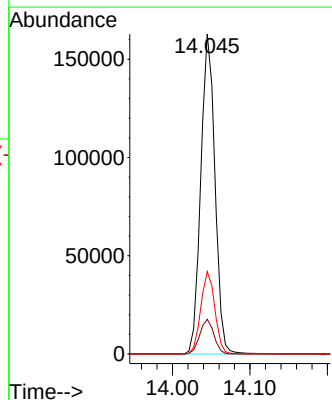
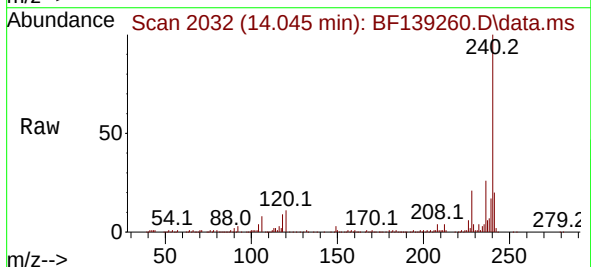
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

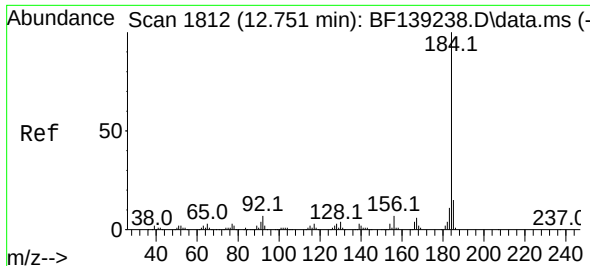
Tgt Ion:202 Resp: 117605
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 17.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:240 Resp: 206848
Ion Ratio Lower Upper
240 100
120 10.8 8.6 12.8
236 25.8 20.7 31.1

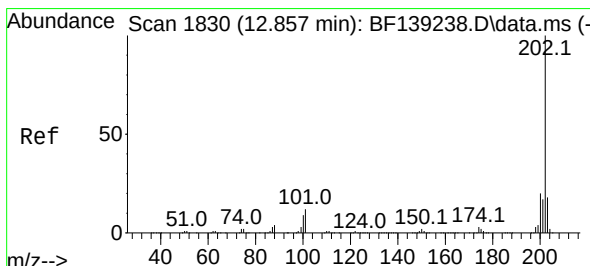
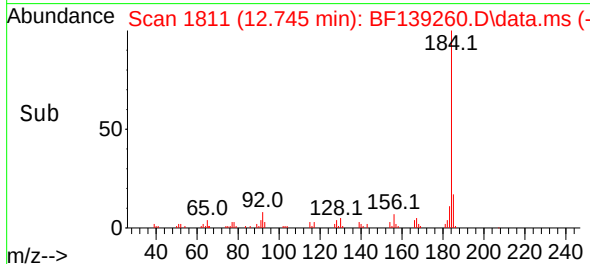
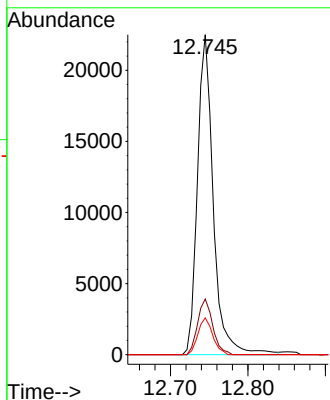
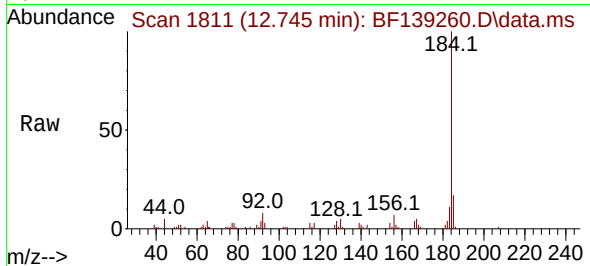




#77
Benzidine
Concen: 7.670 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

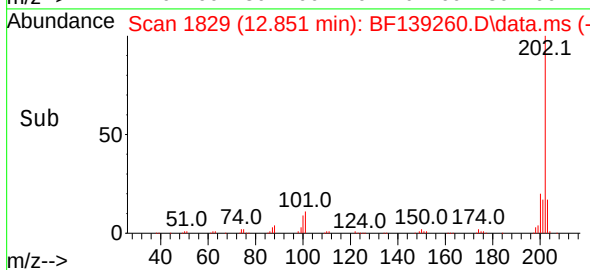
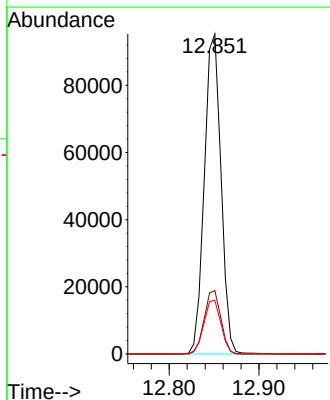
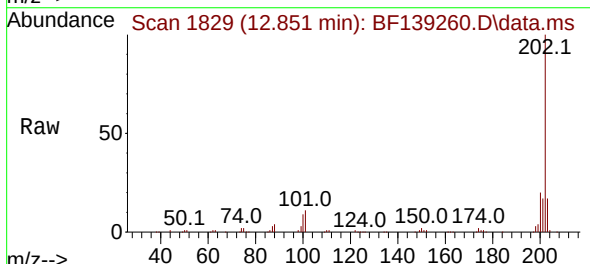
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

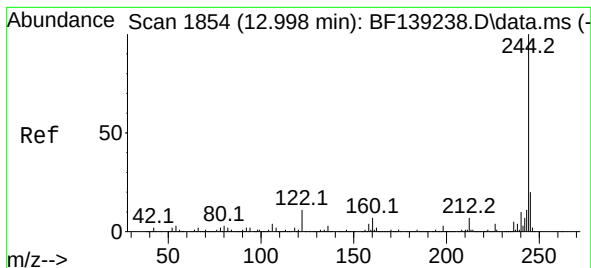
Tgt Ion:184 Resp: 31944
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 11.5 8.8 13.2



#78
Pyrene
Concen: 6.145 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:202 Resp: 122797
Ion Ratio Lower Upper
202 100
200 19.8 15.8 23.8
203 16.7 14.1 21.1





#79

Terphenyl-d14

Concen: 82.132 ng

RT: 12.998 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

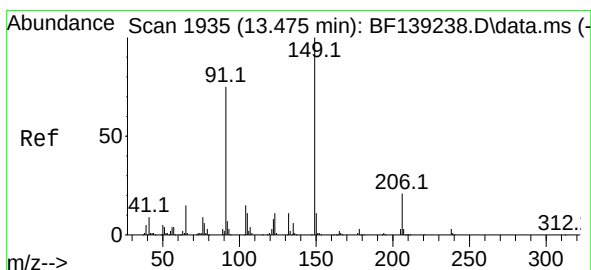
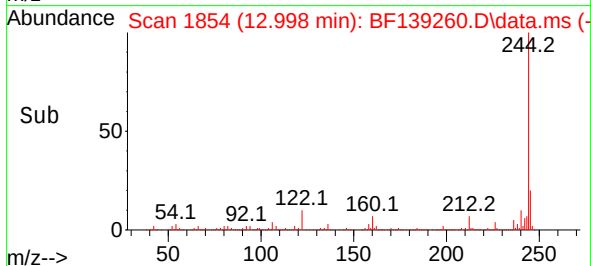
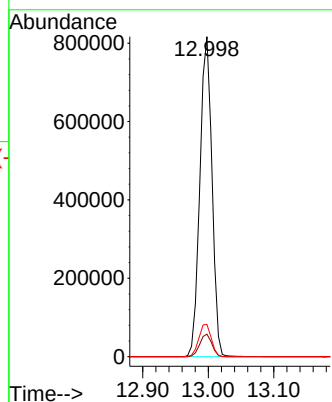
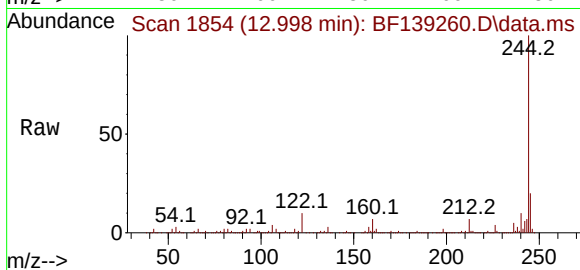
Tgt Ion:244 Resp: 1052215

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.1 8.7 13.1



#80

Butylbenzylphthalate

Concen: 5.614 ng

RT: 13.468 min Scan# 1934

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

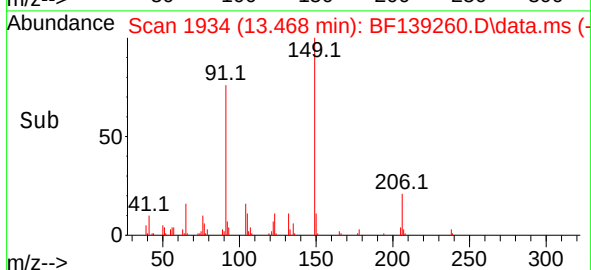
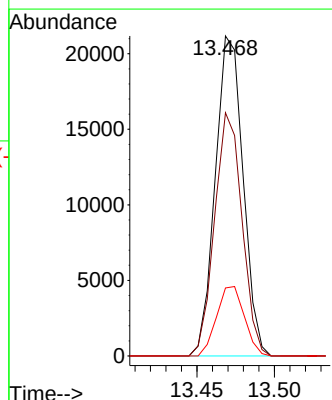
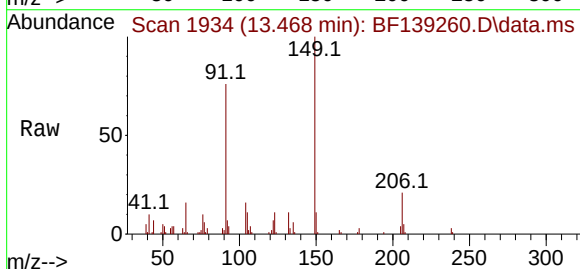
Tgt Ion:149 Resp: 26408

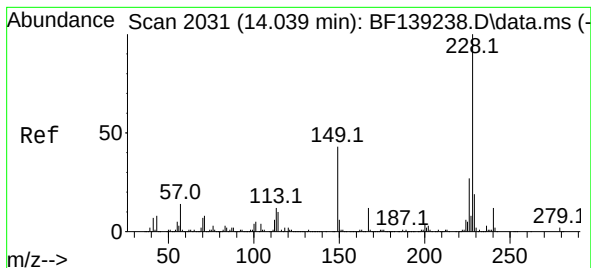
Ion Ratio Lower Upper

149 100

91 76.0 60.3 90.5

206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 6.234 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

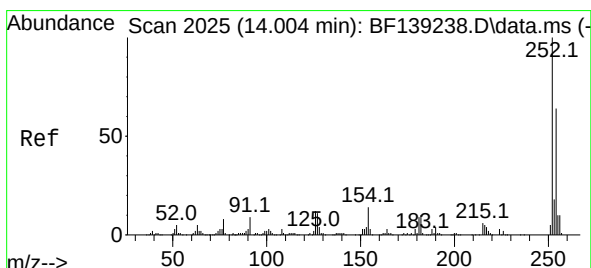
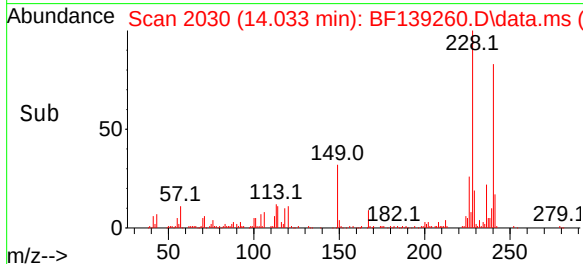
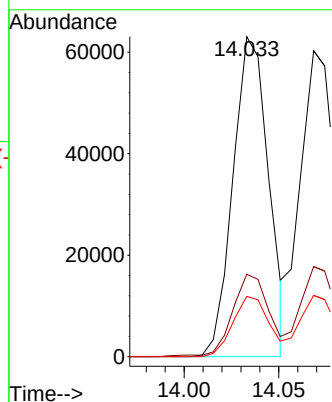
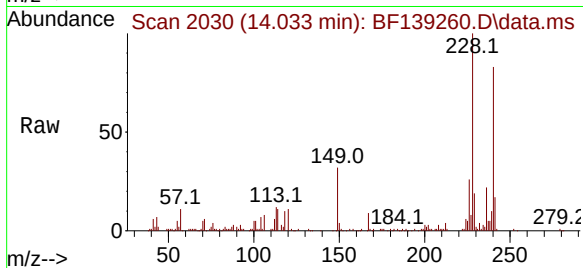
Tgt Ion:228 Resp: 82337

Ion Ratio Lower Upper

228 100

226 25.8 21.5 32.3

229 18.9 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 5.973 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

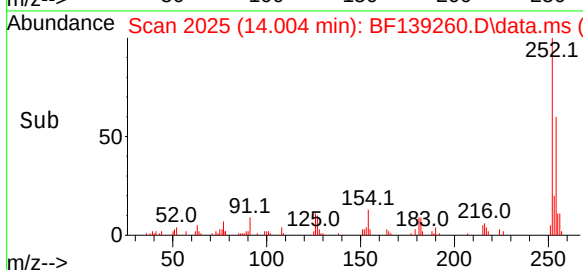
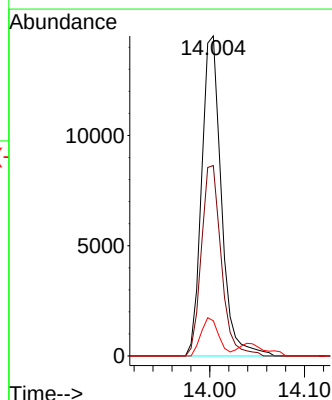
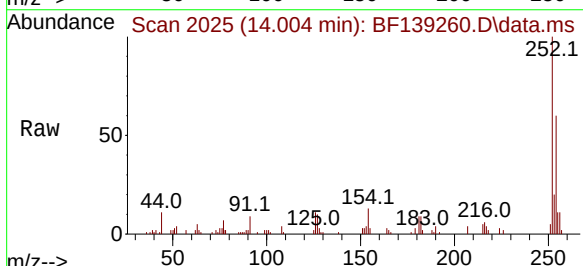
Tgt Ion:252 Resp: 20951

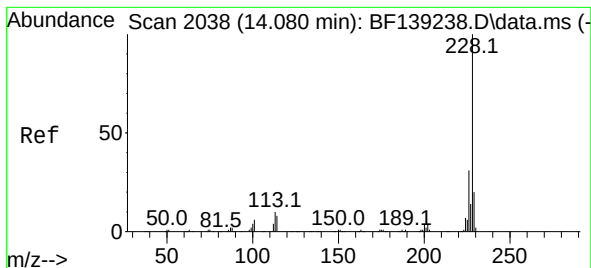
Ion Ratio Lower Upper

252 100

254 59.5 51.5 77.3

126 11.0 9.2 13.8





#83

Chrysene

Concen: 6.466 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

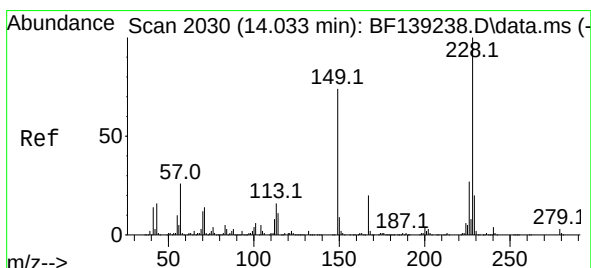
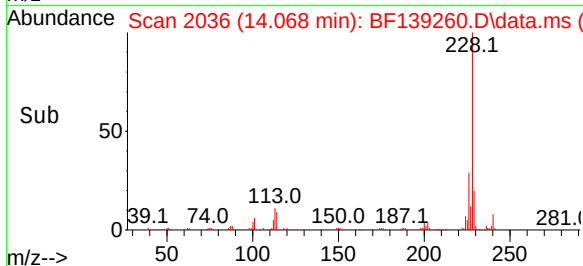
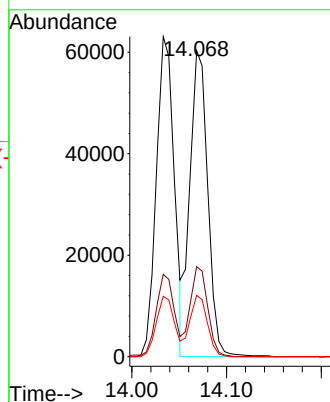
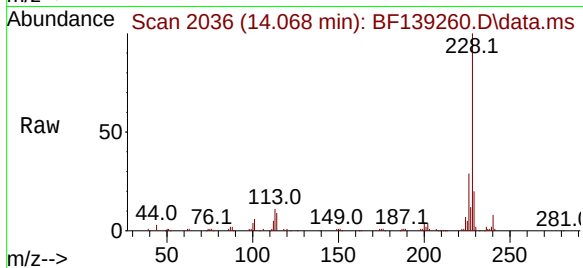
Tgt Ion:228 Resp: 79710

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 20.1 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.835 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

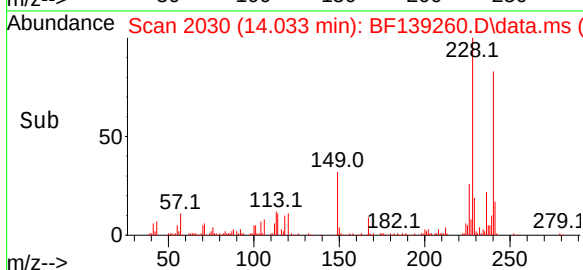
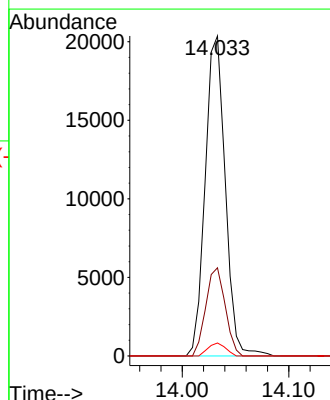
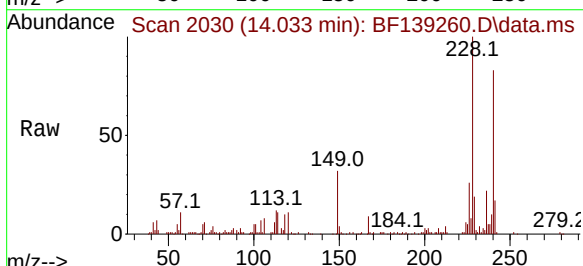
Tgt Ion:149 Resp: 26694

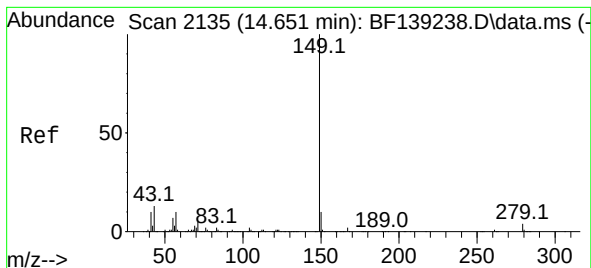
Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.6

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 3.228 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

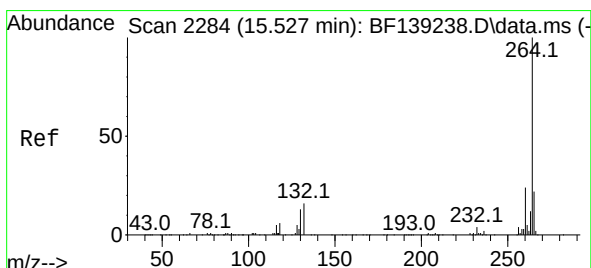
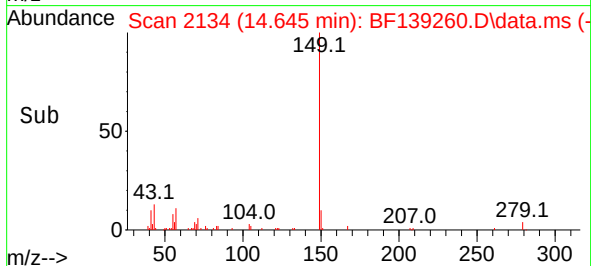
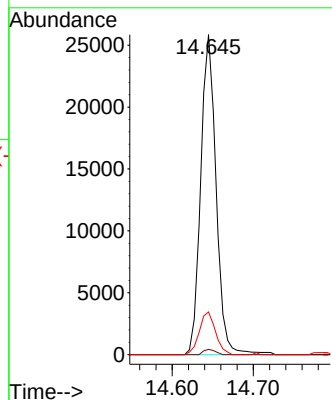
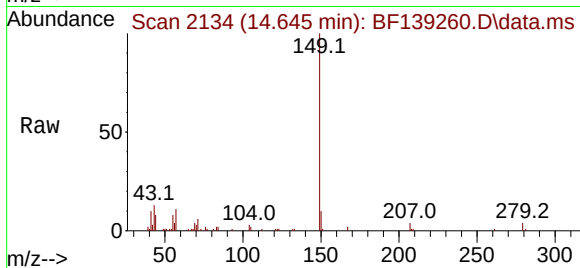
Tgt Ion:149 Resp: 34118

Ion Ratio Lower Upper

149 100

167 1.3 1.3 1.9#

43 14.0 10.9 16.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

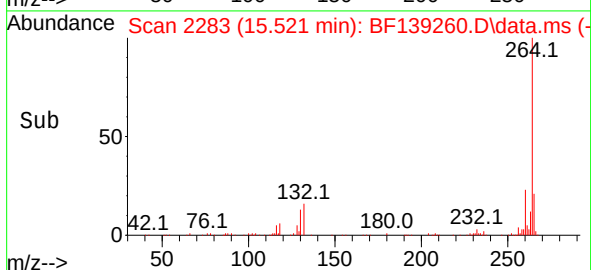
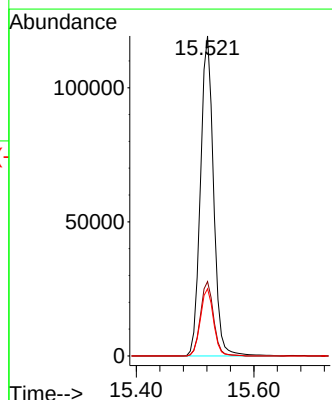
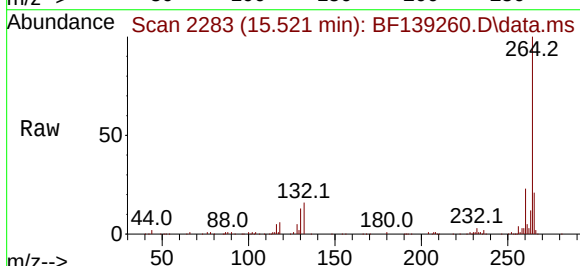
Tgt Ion:264 Resp: 183712

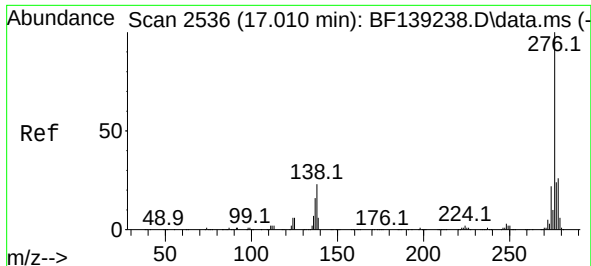
Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.0 17.3 25.9

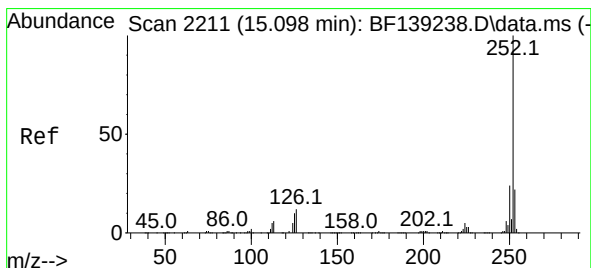
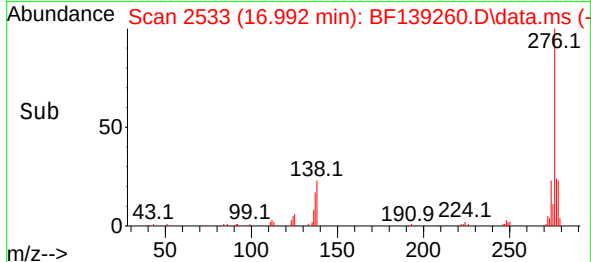
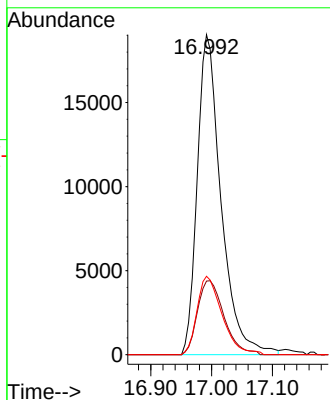
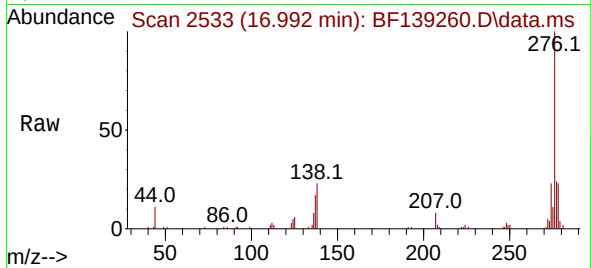




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.507 ng
RT: 16.992 min Scan# 2109
Delta R.T. -0.018 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

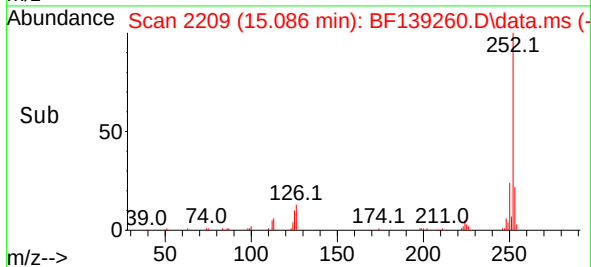
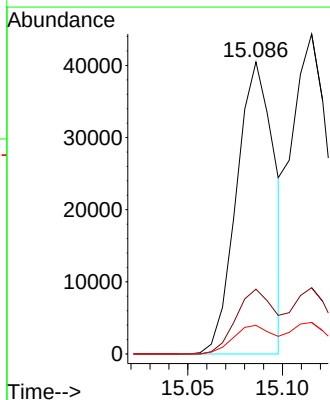
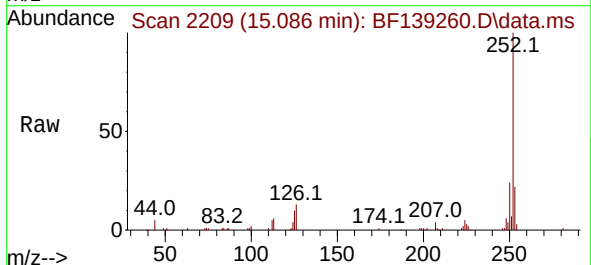
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024

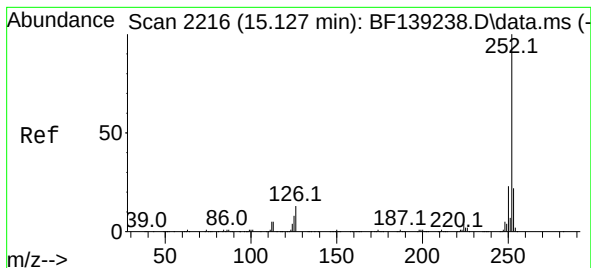
Tgt Ion:276 Resp: 51731
Ion Ratio Lower Upper
276 100
138 25.8 20.4 30.6
277 25.8 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 5.306 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:252 Resp: 56139
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.8 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 6.845 ng

RT: 15.115 min Scan# 2214

Delta R.T. -0.012 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2024

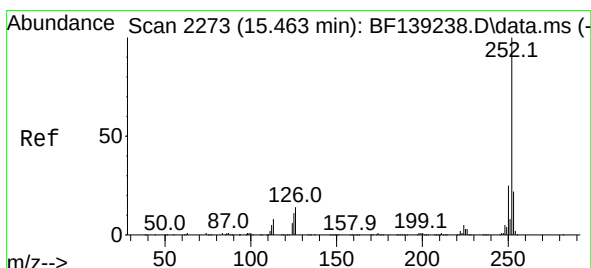
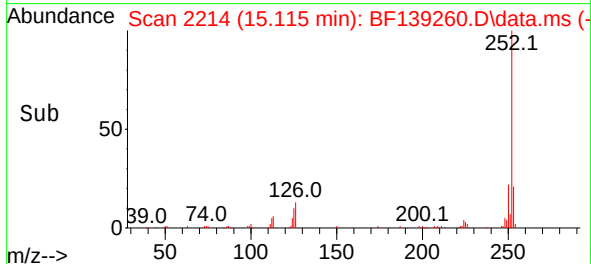
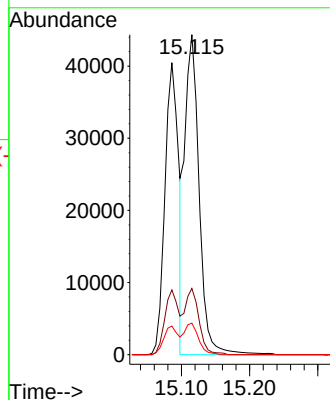
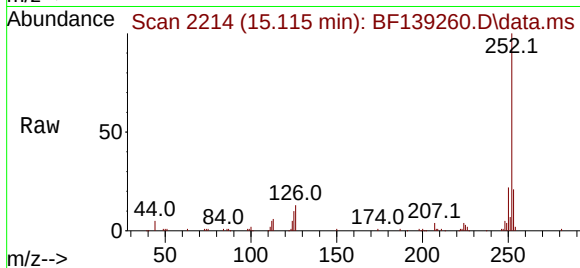
Tgt Ion:252 Resp: 64935

Ion Ratio Lower Upper

252 100

253 20.7 17.6 26.4

125 9.8 7.2 10.8



#90

Benzo(a)pyrene

Concen: 5.958 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF139260.D

Acq: 05 Sep 2024 16:25

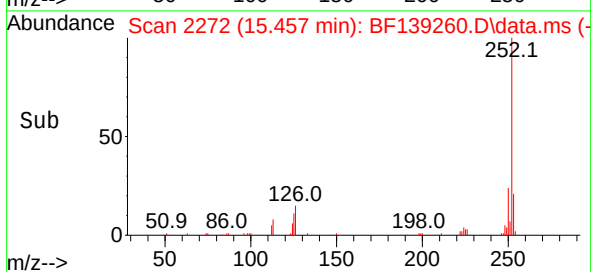
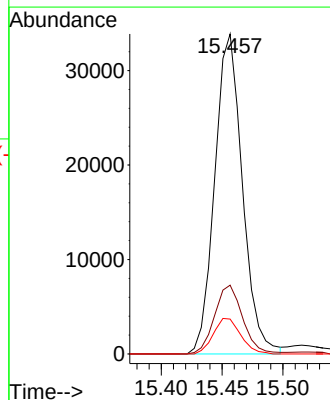
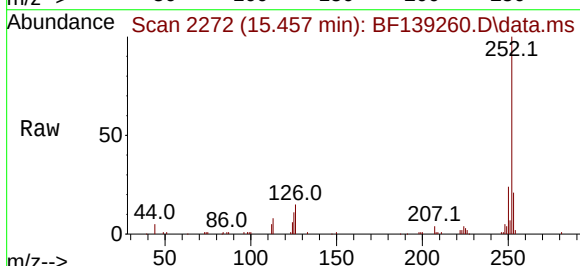
Tgt Ion:252 Resp: 53527

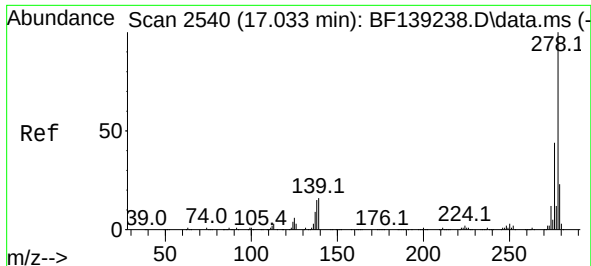
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

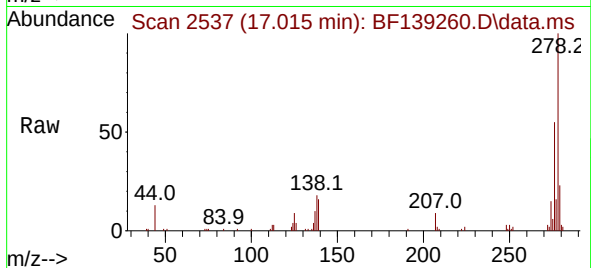
125 10.9 8.6 13.0



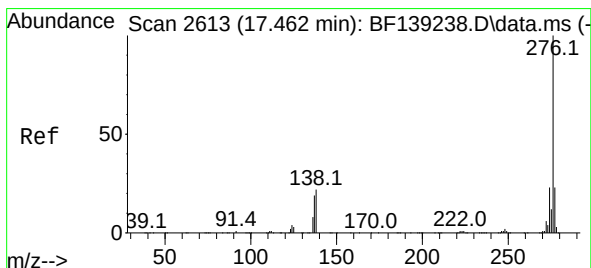
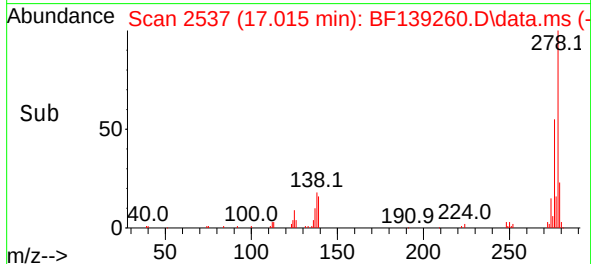
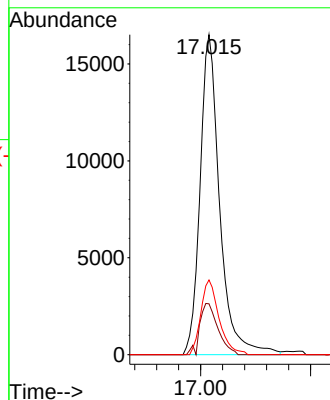


#91
Dibenzo(a,h)anthracene
Concen: 4.327 ng
RT: 17.015 min Scan# 2537
Delta R.T. -0.018 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:278 Resp: 40924
Ion Ratio Lower Upper
278 100
139 15.9 12.6 19.0
279 23.3 18.6 28.0



#92
Benzo(g,h,i)perylene
Concen: 4.275 ng
RT: 17.433 min Scan# 2608
Delta R.T. -0.030 min
Lab File: BF139260.D
Acq: 05 Sep 2024 16:25

Tgt Ion:276 Resp: 41735
Ion Ratio Lower Upper
276 100
277 24.6 18.6 27.8
138 22.7 17.4 26.0

